VOL. LVII. - NO. 42.

BOSTON, MASS., SATURDAY, JULY 16, 1898.

WHOLE NO. 2951

LINUS DARLING,

2 20,

NN

res a mo-

PROPRIETOR. SSUED WEEKLY AT JOHN HANCOCK BUILDING 178 DEVONSHIRE STREET, BOSTON, MASS.

MAS TEMPLE COURT, NEW YORK CITY. TERMS: er annum, in advance. \$2.50 if not advance. Postage free. Single copies

NEW YORK OFFICE.

sending contributions to THE

THE PLOUGHMAN offers great advantages to ad-sertisers. Its circulation is large and among the most active and intelligent portion of the com

Rates of Advertising: cents per line for first insertion.

AGRICULTURAL.

ive or six parts of plaster.

er and a fairly moist soil will push forward July sown beets to moderately large growth. Nitrate of soda will push ong a late sown crop amazingly.

other year unless well manured

THE only watering which will do same. amount of water, but the effect is last to three per cent. ms should be broken with a rake.

Thick Seeding.

This is heavy seeding, and the ground Broome Co., N. Y. put in perfect condition; fine and roughly free from weeds. By this A Word for the Private Dairy. stem of cultivation the grower raises fom four to six tons per acre, or from tould consider a fair crop.

Preventive Measures

An ounce of prevention is even better their milk to them.

eventing insect depredations and at- kind of a dairyman all of these condi-

tack by selecting the proper time for plowing and sowing; selection of plants ess liable to attack; clean farming, burning or converting into manure all trash and rubbish, etc.

In a Nutshell.

Directions for cultivation of garden crops are thus concentrated by Greiner, the market garden expert: "Keep the wheel hoes, both for hand and horse use, going all the time, and let no weed show its head above the ground without hitting it at once. In short, give weeds no show whatever, and keep the surface of the ground well pulverized at all times. This is all anyone can do, and what all must do in order to secure maximum crops. Do this and you do your part. Then trust in Providence. It is useless to be ever so trustful with

The Cost of Noise in the Dairy.

The cost of noise in the dairy can be figured to a certainty; and the man who doubts this may gain some valuable information by making a few experiments on his own account. A neighbor of mine has been doing this and the result is decidedly startling. This man The Paris green blower is becoming has a dairy of about twenty cows, mostand more popular. The good ly grade Jerseys. A quiet man by nakinds are found to be great time savers ture, his cows were accustomed to reand to do effectual work. Some use ceive only the kindest treatment. A the pure Paris green, others mix it with few years ago this neighbor bought a Babcock test for use in his own dairy.

> shut the cows in the yard, and to let the such as are required for the production dog in with them. The hired man of a good article of butter. If he is not thought his employer must be going the right kind of a dairyman or striving Is it a fact that many cattle well, or s datt but he obeyed instructions. The to become one he is neither fit to produce two men took sticks in their hands and milk for a public creamery or make butwent into the yard with the cows and ter at home. began to shout, the dog barked and pan- It seems to the writer that there is demonium reigned for a few minutes, and has been for some time organized the cattle commissioners of Massachu-state. although not a blow was struck nor a and combined efforts to boom the public setts killed all the cattle they officially lam of the opinion that under the haustion of any soil which follows the pounds of dry matter. Of the fifty-one into the barn and milked

The falling off in yield was quite noThe falling off in The falling off in yield was quite noagricultural department does a good deal
for the one and but little for the one and but li showed a loss of forty per cent in butter and national dairy organization of the disease? As I read certain papers their owners. This is especially the case their owners, must now their owners and part their owners. This is especially the case their owners, must now their owners are their owners. This is especially the case in many milkmen's herds who have this idea is impressed upon my mind sulphate of potash on sandy soils, and for this purpose should not be cut until the seed is nearly ripe. The chief value of silage is that it provides a Think of that, ye men who yourselves but little attention. In fact one national shout, kick, thump and bang your cows butter makers' association in this country and it seems incredible that such killing simply wished the state to take a farrow superphosphates on the heavier clay succellent food during the winter time

a good depth. To sprinkle a crop milk when treated kindly. The loss in a member by paying the required fee, be as bad as it thus appears. ikes the surface and tends to draw the weight placed at a low figure must have while a good enterprising farmer or his Note up and thus causes as much harm been at least five per cent or fifteen wife eager to gain information in the art a good. Soaking the whole ground in pounds. While the loss in butter fat, of butter making would be debarred which the roots grow takes an immense forty per cent would bring the test down from joining the association or attending with tuberculosis as to require a very

cents per pound, my neighbor's three to attain in this country all this must be hundred pounds of milk testing five per changed. cent, would have been worth to him \$3. As a matter of fact it brought him A Connecticut farmer, whose success only \$1.74, a loss on one milking of growing hay is well known, recom- \$1.26. After such a result who can and fourteen quarts of timothy, and wonder if this dairyman laid down some fleen quarts of red-top, as the best laws and insisted on their rigid enforcement? E. L. VINCENT.

to three times what most farmers is given farmers to induce them to improve their butter product, but on the should have an earnest purpose in view, kill all cattle that reacted to it, either other hand they are frequently told that and be willing to seek success by close burying them or making fertilizer of good butter can be made only in public application to business details.

There are good, indifficult part of the business, and a the law they have been working under drainage and a plentiful supply of rainties. High culture and fertilization cidedly poor dairymen and the same market gardener must be a good sales has been a wasteful and extravagant fall during the season before flowering. attention of American farmers so largely one of the best preventives of in- can be said of butter makers employed man, packing his products in attractive one, providing that diseased cattle must have a marked influence on the yield. grow in an unright form, having short as it deserves. In Canada the acreage ect attack. Fertilizers such as coarse in public creameries.

the to twenty loads to the acre, applied butter is poor butter whether made on enough to fulfill his engagements.

Good butter is good butter and poor this class of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of trade, and reliability also that no diseased animal, no matter the Northern and New England states of the Northern and New England states of the No sod in winter and plowed under for the farm or in a public creamery. When The right place for beginning a maron in early spring, will help prevent honestly judged by an expert, butter ket garden is not always near the largest The present legislature amended the says a report of the Department of tion between these extremes. The peas meal. attack of white grubs and wire must stand on its merits, wherever it city. A man whose skill and capital law so that the cattle commissioners can Agriculture. worms even in badly infested fields. may have been made. But the public is are not very large will stand a better lissue rules and regulations for the local The seed is usually sown with grain green, pink, gray, brown, red, and purliculture.

Agriculture.

The field pea is adapted to cultivation in the northern tier of States, from green, pink, gray, brown, red, and purliculture.

The seed is usually sown with grain green, pink, gray, brown, red, and purliculture.

The field pea is adapted to cultivation in the northern tier of States, from green, pink, gray, brown, red, and purliculture. a system of rotation will avoid packing of the butter are directly and of New York, Boston or Philadelphia waste. The general almost completely under the control of would require large capital, and would Furthermore, as a rule, I do not is the prevalence and abundance of the general almost completely under the control of would require large capital, and would Furthermore, as a rule, I do not is the prevalence and abundance of the grains are in the dought stage. For a seed crop, the peas are think that animals that react to tuber-bumblebees, upon which the clover bloss the ground has often grown alone.



THE LOUDON RASPBERRY.

One day he directed the hired man to tions will as a rule and in the main be

ow bitten. The herd was then brought creamery, if not to disparage the farm visited which did not stand the tubercu- laws relating to diseases of cattle which continuous cultivation of this crop and dairy. The government through the lin test, notwithstanding that post morshout, kick, thump and bang your cows and permit the hired help to do the same.

Superphosphates on the neavier clay was carried on by the cattle commission-ters of your state till three quarters of a vate dairy butter makers, yet a produce same.

Superphosphates on the neavier clay was carried on by the cattle commission-ters of your state till three quarters of a vate dairy butter makers, yet a produce own near y dry, at a sightly higher price than they could get e'sewhere, and was carried on by the cattle commission-ters of your state till three quarters of a vate dairy butter makers, yet a produce own near y dry, at a sightly higher price than they could get e'sewhere, and was carried on by the cattle commission-ters of your state till three quarters of a value of the price than they could get e'sewhere, and the cattle commission-ters of your state till three quarters of a value of the price than they could get e'sewhere, and the cattle commission ters of your state till three quarters of a value of the price than they could get e'sewhere, and the cattle commission ters of your state till three quarters of a value of the price than they could get e'sewhere, and the cattle commission term of the price than they could get e'sewhere, and the cattle commission term of the price than they could get e'sewhere, and the cattle commission term of the price than they could get e'sewhere, and the cattle commission term of the price than they could get e'sewhere, and the cattle commission term of the price than they could get e'sewhere, and the cattle commission term of the price than they could get e'sewhere, and the cattle commission term of the cattle commission term of the cattle commission.

Superphosphates on the neavier clay was carried on by the cattle commission term of the cattle commission. An application of well-composited when great the cattle commission term of the cattle commission term of the cattle commission. same.

Suppose these cows gave at a milking the one which will soak the ground three hundred pounds of five per cent to the cattle killed. I think the case cannot the cattle killed. I think the cattle killed. I think the cattle killed. I th the meetings. Before dairying attains careful post mortem examination to de-What does this really mean? At 20 the high plain of improvement it ought tect the lesions will react to the tuber-F. W. Moseley.

Clinton, Iowa.

The Business of Gardening.

advises beginners to hire out to a prac- have a high temperature the day after tical gardener for at least a year or two, testing, which may be mistaken for a or, where this is not convenient, to reaction, and the cow found free from start with a home garden and gradually disease on post mortem. to extend into commercial operations. In Massachusetts for the past four As a rule not enough encouragement Market gardeners, he thinks, should years, it has been customary to use tu-

Tuberculosis Facts.

ED. MASSACHUSETTS PLOUGHMAN:

nearly well that it is nearly to detect even slight traces of tubercu-shambles when through milking. This ing soil bacteria. When such a condition half formed. Later than that the stems losis by post mortem examination, cansystem would allow a great deal of work arises in the soil an application of lime are coarse and woody, and the feeding not stand the tuberculin test? and that to be done at a very small cost to the neutralizes the acids and restores its value rapidly declines. One hundred

INQUIRER.

Cattle that are so slightly diseased culin test quite as much as animals that are more clearly diseased. Cattle that are very extensively diseased occasionally do not react at all to the tuberculin test, but such creatures can be picked out on a physical examination as a rule, if a competent veterinarian makes the A very successful market gardener test. Occasionally a healthy cow may

culin, but show no other evidence of soms are dependent for fertilization. plant the seed before the ground has often grown alone.

disease should necessarily be killed. I think where an owner has his herd tested that the reacting animals, if physic-ally free from disease, might be milked humic acids which interfere with the

taminated by their stable companions.

Whi e a great deal of good has beea done in some quarters, and many herds losis, yet I fear that the law has been extravagant, and that under different methods of work as much good cou'd have been accomplished at far less ex-AUSTIN PETERS.

Chairman Mass. Cattle Com. Jamaica Plain, July 11, 1898.

Some Forage Crops.

RED CLOVER.

There are good, indifferent and de-difficult part of the business, and a the law they have been working under drainage and a plentiful supply of rain-the plant.

Tobacco stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and therefore creamlike to stems and waste, a valuable fernot an expert judge and the expert stems are the stems and the stems are the stems and the expert stems are the stems and the stems are the stems are the stems are the Sown in early spring at the proper time of seeding grain, using from one to for a spring soiling crop, from the ously mottled, spotted, and speckled. abbage maggot, etc., to prevent their reputation where farm butter of really dinary grades of produce, and the combetter quality would not be allowed to petition often less intense. Many towns tion of meat of the United States Bureau without a Lurse crop. Twenty pounds of the season of different varieties, from equal quantity of either oats, wheat, or If a crop is grown for a number of pass. But when it comes to the question are poorly provided with fruit and garresive years in the same field, the inof opportunity, farm dairy butter is den produce. In such locations a man with very slight localized tuberculous first crop of hay is ready to cut in usual method of cultivation of cowpeas mixture is nearly ripe. If there are the injurious to it are liable to increase ahead, because all the conditions from with \$400 or \$500 might make a pretty lesions are not to be considered unfit for June. The second crop is generally is to sow them alone broadcast, or in more peas than grain, then the yellowthe greater detriment of the crop each the herd and the pasture or stable to the good start, but to locate in the suburbs to it are nable to increase ahead, because all the conditions from with \$400 or \$500 might make a pretty lesions are not to be considered unit for good start, but to locate in the suburbs beef. This will stop a portion of the pea vines and pods marks the considered the best for seed, but the drills, or between the corn rows at the proper time for cutting, or if the oats condition which governs seed production last cultivation, the rate of seeding vary- proper time for cutting, or if the oats sto a great extent. The general almost completely under the control of would require large capital, and would Furthermore, as a rule, I do not is the prevalence and abundance of ing from eight to twenty-four quarts

the stems are still green. The content luxuriant. tween I to 4.3 and 1 to 5.9. The aver- or as hay than to turn the crop under. age composition of clover hay according to a compilation from all available American analyses is, in 100 pounds, 15.3 pounds water, 6.2 pounds ash, 12.3 free extract. Of the crude protein, 6.58 pounds are digestible. At the Massaand 49.3 pounds of potash, the manurial value of which was \$10.64, estimated tening animals. cial fertilizers.

Red clover will not grow in soils con-

worse than the ones that were taken. combine with the humic acids pro-Or, if the diseased had been rep'aced by duced during decomposition; but large healthy ones, the new purchases would amounts of land already rich in humus The ripe soy beans are among the richsoon have been as badly diseased or do not usually give a satisfactory increase est of concentrated foods. An average worse than those taken by the state ow- either of the crop or its crude protein; of American analyses shows them to ing to the owner neg'ecting to disinfect neither do commercial nitrogenous ferthe place properly where the condemned tilizers seem to materially increase the seventeen of fat, and 33.8 of carbohy-

COWPEAS.

have been entirely freed from tubercufifty years, having been originally introduced into South Carolina. They have ficient in these elements. spread from that source and from other The soy bean is withal one of the importations of seed direct from China most promising of the annual leguminand India, until now they are in general ous forage crops, and, as before indiuse throughout the region south of the cated, may prove of special value in Ohio River and on the Pacific Coast, connection with Indian corn, the latter and as a soiling crop in the New Eng-supplying the "roughness," the soy land and Northern States. There are bean producing the digestible crude over one hundred named varieties of protein necessary to make a complete cowpeas grown in this country. These and well-balanced ration. Red Clover grows best upon deep and are distinguished from one another their carcasses, if any trace of the disease well drained calcareous loams. It is chiefly by the co'or and shape of the creameries and they are advised to send This for the strictly gardening part. was found. I do not think the fault lies not so well adapted to the lighter sandy seed, the arrangement of peas in the Selling the product is often the most with the present cattle commissioners, as soils, or heavy compact clays. Under-pod, and the general habit of growth of

shape, with sufficient tact to cater to be killed and paid for by the state, and Red clover is the standard hay crop of lateral branches from a single central is about the same as that of winter shape, with sumcient tact to cater to be kined and paid for by the state, and reliability also that no diseased animal, no matter the Northern and New England states stem; there are trailing varieties with wheat. Much of the success of the Cancultivated in the central prairie region, long, and there is every possible gradaare of every shade of white, yellow,

The yield of seed per acre varies from become warm, as, like other beans, the three to nine bushels of sixty pounds. | cowpeas do not germinate well if the The best time to cut for hay is at full soil is wet and cold. This crop is even bloom, when not more than one-fifth of more susceptible to unfavorable condithe the heads have commenced to turn tions than Indian corn, but in midbrown, while the leaves are ripest and summer the vegetation becomes most

of digestible crude protein is greatest at When growing cowpeas for fertilithis period. After flowering the per- zer, it is best either to feed the vines centages of crude ash, fat, and crude and return the manure to the soil or to protein decrease and that of crude fibre plow them under at once, instead of letand nitrogen-free extract increases until ting them stay on the ground all the the seed is ripe and the plant reaches winter. By the latter practice there is full maturity. The yield is also heaviest often a loss of two-thirds of the fertilizat the period of full bloom because of ing value of the vines because of the the loss of the lower leaves as the stems leaching out of soluble fertilizers by the ripen. The nutritive ratio of freshly cut winter rains. The feeding value is far clover at time of full bloom is about 1 greater than the fertilizing value, so to 5.3, while that of the hay ranges be- that it is better to use them either green

THE SOY BEAN.

The soy bean requires about the same class of soils as Indian corn, and will grow about as far north as that crop can pounds crude protein, 24.8 pounds fiber, be depended on. The best results with 3.3 pounds fat, 38.1 pounds nitrogen- it have been obtained in the region between the thirty-seventh and fortyfourth parallels east of the Rocky Mounchusetts Experiment Stat'on a ton of tains. The region best adapted to it, clover hay contained 46.8 pounds of then, is the "corn belt," a circumstance nitrogen, 9.7 pounds of phosphoric acid, which argues well for its future use and value in conjunction with corn for fat-

at the same prices as were paid for these The soy bean should be planted in substances when purchased in commer- late spring or early summer, after the ground has become warm. In general, the early varieties should be used if a taining an excess of organic acids. It is seed crop is desired, and the medium or believed that "clover sickness," which late varieties if it is to be used as forage, prevents the growth of clover upon the it having been found that the latter same field for an indefinite period, is much excel the former in value for that

until dry, and fed so as to be fit for the growth and development of the nitrifyfertility. To prevent the one-sided expounds of soy-bean hay contain 88.7

> pend upon corn than to use any leguminous crop for this purpose.

cows stood, or the new cows being contotal quantity of crude protein in the hay. drates. The rate of digestibility is

This crop is a heavy potash feeder, Cowpeas have been in cultivation in and requires fertilization with lime, and

There are many varieties of the field

The field pea is adapted to cultivasown in early spring at the proper time exceed the peas the mixture should be cut when the grains are in the dough

This valuable fodder crop is much more easily cured than clover. Less time is required in the curing process, and also less labor. But in the ease in which it can be cured lies one of the curing it. This mistake is committed to a grievous extent in all parts of the country, but nowhere is it so often made as in the prairie sections of the West and Northwest. When allowed to lie in the sun before being housed or stacked until it is so dried that it breaks off easily on being twisted, its feeding value is but little better than that of straw.

Timothy should be cut before the bloom has left it. Authorities are not quite agreed as to the best time for cutting it. Some argue in favor of the season of early bloom, others favor cutting when in the full bloom, and a third class claim that it should be cut when in the "second bloom." When the blossoms come out on the timothy head they do not show themsalves so quickly at the top of the head as on the other portions of the same. Soon they fall to the ground, but since they appear last on the upper end of the spike they also remain there for a short time after the blossoms have fallen from the other por tions of the same. The period is usually referred to as the period of the "second bloom." Storer would seem to favor cutting at a still later stage, when the greatest weight and nutriment are to be obtained. But weight and nutrition in a fodder will not avail when it has lost its palatability, and timothy is certainly less palatable after it has passed the period of second bloom. The only objection of weight brought against cutting timothy when in full bloom is found in what is termed "dust" arising from the dried blossoms, which shower out when the hay is being fed. But timothy should not be allowed to stand longer than the period of second bloom.

When the timothy and clover grow together the time to cut must be decided by the dominance of one crop or the other. The first season clover will dominate the crop, and the time for cutting should be fixed to save the clover when at its best. The second year the timothy will be more abundant, and the period of cutting should

And the caution should be given here that in the time of dry weather, more especially on the spongy soils of this prove true when there has been

sun to admit of its being readily raked which was richest in humus was the it should be drawn into winrows, and best retainer of moisture. in these it may remain in settled the grass has much of succulence cut be somewhat lessened. in the afternoon, use the tedder next

But the safest way is to cut a mod-

weather.

and then get it housed and stored of decomposition that takes place in the HERMES S. HEYWOOD, away when ready. There can be no soil, in which the complex insoluble question but that the ideal hay, whether compounds are broken up into simple timothy or clover, can be best made in form available for plants. Those bacthe cock. Particularly is this true of teria that play such a prominent part in clover. And yet it may not be always the growth of certain plants work more wise to make it in that way. It takes vigorously when in a soil containing as long to put hay up in cock where plenty of humus. The presence of hugreatest dangers, viz., that of over- the work is properly done as to pitch mus in a stiff soil improves its texture it up into a wagon, and when it is put very materially. It also lessens the hay leader. Whether the extra labor rain falling upon it, causing it to bake, involved will be justified must be de- especially when the surface has just termined by such conditions as relate been pulverized at the time of seeding. Farming.

Humus in the Soil.

Humus is an animal or vegetable matter which is in its intermediate stage of decomposition. In prairie soils where the grass has not been removed for centuries, and where each season's material.

On the other hand it makes loose and the substitutes. growth goes back to the soil, it is found other smaller vegetation that may have cost. sprung up. In some swamps it occurs in temperate regions.

its functions and importance as a food clover or clover sod not only increas a for plants been clearly defined. Yet the humus but also augments the store we know from observation and experi- of nitrogen. Second-Any grass sod ence that it is of prime importance to turned under every four or five years. the farmer.

be fixed to cure the timothy when at farmer to furnish these conditions as one of the agencies that enables us to R. CHRISTENSEN, 88 Chambers St. its best. And when a very large area far as he is able and make use of what- get the most out of the land, we may is to be harvested, the cutting of the soever agencies he can in doing so. have to restore it just as we would have crop should commence when it is under-ripe, otherwise much of it will be makes the soil more retentive of mois- Cultivation also increases the nitrates over-ripe before it has all been cut. ture. The early settlers can well re-The loss from cutting under-ripe hay is member that the spring freshets never if there is excessive rainfall and the always less than that from cutting it took the form of such destructive floods land is liable to leach. This danger has over-ripe, the weather being equally as occur at the present day. This led some to object to the bare fallow. favorable to the curing in both in- change is largely due to the fact that If rye or buckwheat is sown it ceases stances. When cut under-ripe the fodder is very palatable, hence there will humus or vegetable matter in the form up the soluble plant food and store it in of moss, decaying logs, stumps, etc., residue of energy still left in the plant which retained a considerable portion waste, which when plowed under and produces a good growth of aftermath. of the moisture that came from the decomposed becomes soluble plant food

cations of such stagnation occur, the clay after 197 hours lost 99 per cent. cf In conclusion it might be said that crop should at once be cut, even though its moisture; the loam 91 per cent. and any green vegetation, that would not it should not have passed the period of the muck 62 per cent. At the same become troublesome as a weed or intertime the temperature of the sand was fere too much with the ordinary farm Timothy cures so much more easily lower than that of the muck, but the crops, will answer as a restorer of than clover that it is frequently not superior retentive powers of the muck humus.—Ontario Agricultural Gazette. necessary to put it into cocks at all. more than made up for the difference When it has lain long enough in the in temperature. Thus the muck soil

Humus in the first five or six inches weather until cured. But when the of a soil acts similar to a mulch, except weather is broken it should always be that the effect is not so marked. Now put in cocks. The exact mode of since water is one of nature's greatest management will be dependent upon solvents, and since plants require—acconditions, such as the succulence of cording to Hellriegel-325 pounds of the grass and the nature of the weather. water to produce one pound of dry One or the other of the following matter, it is important that a goodly as in perfect condition. methods of curing timothy will proba- supply of humus be kept in the soil, so bly be found applicable: First, when that the bad effects of a dry season may

The presence of humus in the soil, if morning when the dew is gone and the other conditions are the same, rake the same day. If necessary, put makes it warmer. This increase in into cocks the same night, but if not, temperature is due to the fact that it is the hay may be drawn from the wind- of a dark color, thus absorbing the sun's row the day following. Second, cut in rays more readily than a lighter colored the afternoon, use the tedder the fol- substance. All know that a black garlowing morning and rake and store ment is much warmer in a bright sunaway in the same day. This method shine than a white one. The fermentawill usually be found applicable when tions of organic matter which go on in the hay is in full or late bloom and the a soil containing humus also produce a weather is dry and breezy. Third, considerable amount of heat. A few stand the pain. I could not go near the mow in the morning and rake and degrees of increased temperature in a house the same day. This method soil may not seem to be be very imporwill answer when there is not much tant, but then it is remembered that the succulence in the grass at the time of vital processes of plant life only begin cutting it; that is to say, when it is after the temperature has risen above 45 helped me. I kept on taking it until my somewhat over-ripe. And when there to 48 degrees Fahrenheit; we then see is a necessity for it timothy may be cut that a difference of two degrees may on a large scale and put up into large bring one soil up to the growing temcocks, in which it may be allowed perature, thus causing germination and leaves it rich and pure." Mrs. Anna E. to stand for several days in good growth, whilst in a cooler soil these changes would be less active.

Humus facilitates nitrification, or the

up thus it cannot be loaded with the damage done by the puddling action of

to wages, weather and the extent of the The tendency of stiff soils to contract, crop. But it will usually be found causing great cracks or fissures to apadvantageous to cure clover in the pear, which tear or break off many of cock when cut early, while it will much the smaller rootlets, thus depriving the less frequently pay to go to the labor plant of its means of water supply when of curing timothy by so labored a most needed, is diminished when process-Professor Thomas Shaw, in sufficient humus is present. The stiff texture of a clay soil is perhaps its greatest disadvantage, and as it is a fact that humus makes it more easily tilled (at the same time bringing other advantages) it is especially important that the farmer working a stiff soil matter which is in its intermediate stage that the farmer working a stiff soil

On the other hand it makes loose and in great abundance. In fact, humus open soils more compact and less liable constitutes a large part of the almost to leach out the plant food in solution. 39 West 24th Street, NEW YORK CITY inexhaustible fertility of such soils. In We have briefly considered some of the newly cleared lands it is found in benefits derived from humus, enough at varying amounts, having come from least to prove that the average soil the partial decomposition of trunks, must contain a sufficient amount in branches, roots and leaves of trees and order to get the best yield at the least

in large quantities in the form of muck. in those soils that are lacking? is the In tropical climates, where the rate of next question. Since circumstances decay is rapid, it is not so abundant as vary so widely, no one method can be given that will apply in every case, but As yet the chemical composition of some one or more of the following may humus is not well understood, nor has be found helpful. First-Plowing down Third-Apply farm manure when fresh. Chemists tell us that an average soil Fourth — When summer fallowing is contains enough plant food to grow wheat practised in connection with the grow- AUTOMATIC SWINGING HAMMOCK COUCH at the rate of thirty bushels per acre | ing of winter wheat, winter rye may be for seventy years in succession without sown in August or September on the the addition of any fertilizer. Nature, field intended to be fallowed. Plow however is not so lavish with her treas. the rye under the following June. ures as to allow us to get this plant Buckwheat, because of its abundant food in our grasp in a few years. A root growth makes it valuable as a progreat deal of it is locked up in an inert ducer of humus in conjunction with a form, and can only be made soluble fallow. The cultivation of a fallow or when surrounded by certain favorable a crop tends to diminish the humus, but conditions. It is the business of the this cannot be helped, and, as humus is their tissues in a form not liable to rains and melting snows, thus making again just at the time when the young the descent of the water more gradual. wheat plants require it. Of course, the descent of the water more gradual.

D. J. Crosby of the Michigan Experiment Station, conducted experiments

wheat plants require it. Of course, should much rain fall during July or the meaning horse cow, fowls, and all farming tool with fruit and vegetable route. This property should much rain fall during July or the and clear; owner will sell \$1800, ½ cast Plenty shade, shrubbery and flower bed; face south, village in sight. the prairie, it may be well to cut ment Station, conducted experiments August, waste might occur, but usually timothy before it has reached the blos- which show the difference in soils to dry weather prevails in those months soming stage, for it may cure in a retain moisture. Sa nples of sand, in this province. Fifth-Sow rape after sense while standing without even clay, loam and muck were placed in the oats or barley is harvested, and plow coming into blossom. Notably may pots and after being thoroughly dried under in the fall. Sixth-Peas plowed each was moistened with the same under when in blossom increase the hurapid growth early in the season, fol- amount of water and exposed to a dry- mus and also the fertility. In a climate lowed by a succession of dry, hot waves ing atmosphere. At the end of 97 hours where they will thrive lupines and from the Western plains. When indi-

double curl be seen he may be regarded

FROM FOOT TO KNEE

Ohio Woman Suffered Great Agony From a Terrible Sore-Her Story of the Case, and Her Cure.

"For many years I was afflicted with a milk leg, and a few years ago it broke out in a sore and spread from my foot to my knee. I suffered great agony. It would burn and itch all the time and discharge a great deal. My health was good with the exception of this sore. I tried a great many kinds of salve, but some would irritate the sore so that I could hardly fire without suffering intensely. Some one sent me papers containing testimonials of cures by Hood's Sarsaparilla, and I told my husband I would like to try this medicine. He got me a bottle and I found it limb was completely healed. I cannot praise Hood's Sarsaparilla enough for the great benefit it has been to me. It cleanses the blood of all impurities and EAKEN, Whittlesey, Ohio.

You can buy Hood's Sarsaparilla of all druggists. Be sure to get only Hood's.

erate quantity from time to time making of nitrates. This is a process Hood's Pills are the favorite family

Purchasing Agent,

Estimates Furnished on Merchandise of

FOR SALE BY **1COB GRAVES & CO**

11 Portland St., Boston, Mass. DOGS, FANCY FOWLS, PIGEONS, CANARY BIRDS, RABBITS, and GUINEA PIGS,

MEDICINES for DOGS and BIRDS. MANGE CURE WHICH BEATS THE WORLS Also Seeds of All Kinds.

SALLADE & CO.,



Remember the Main thing in buying wire fence is to get one which will stand the test. The only twelve years end PAGE WOVEN WIRE FENCE CO., Adrian, Mich.

The Worcester Polytechnic Institute WORCESTER, MASS. T. C. MENDENHALL, President

Courses of study in Mechanical, Civil and Elec-rical Engineering, Che.aistry and General science. New and extensive laboratories in Engineering, Electricity, Physics and Chemistry. Special facilities in Steam and Hydraulics. 194-page Catalogue, showing positions filled by graduates, matted free. Address J. K. MARSHALL, Registrar.

A gentle pressure to the foot boards gives a lelightfully soothing, lengthwise perpetual mo-ion, without effort.

A NATURAL FAN SOLID COMFORT.

Luxurious Breezy Ease, Delightfully Cool and Fascinating. Artistic and Decora-tive, Strong and Durable. Refresh-ing Zephyrs on a Sultry Day. Perpetual, healthy motion. No effort. A ammock, a Bed, a Couch for Piazzas, Home and awn. Prized by man, woman and child.

PRICES, \$3.50 to \$6.00. NEW YORK.

Poultry Farms For Sale

PREEZY HILL. FRUIT AND POULTRY
FARM, 27 acres well divided, mowing and
pasture, near one of the best markets in the
state. Brick house, 10 rooms, painted, 2 open fire
places, wood house, barn, milk and ice house,
greenhouse for early vegetables, bot beds and
sashes, hennery for 100 fowls. All buildings in
good condition, high, sightly and healthy loca
ilon; very fine neighborhood. Fine apple or
chard in bearing, 2 peacn orchards of 300 trees,
200 bearing: young orchard of apple, cherries,
plums just beginning to bear; ¼ acre black and
red raspberries, strawberry bed, some currants red raspberries, strawberry bed, some curra and blackberries; 150 choice grape vines, be ing finely. Ready sale for vegetable plants; vetaoles of all bluds grown and readi's sold, owner having built up an established trade all products. Will include pats, crates a boxes, upwards of 1000; also stock and to

\$3000 BUYS THIS 5-ACRE FARM, with house 6 proms and stable

MINUTES to steam car station, 5 minutes to electrics, 25 miles from Boston between two of the best markets in Massachusetts, 10-acre farm, all cleared land, and in fine state cultivation, 8 room house and stable, built 7 years; variety fruit; some 3000 strawberry plants set in spring of '97. One cow, harness, buggy, fowls and tools. Price \$3200.

O-ACRE FARM—40 apple, 20 pear, 10 peach trees, best varieties, nice well, spring and brook on place, 7 room house with shed, barn and poultry house. Price \$1200, 25 miles from Boston.

Theodore Lewis says he could not think of cutting the tails from his pigs. The tails are the thermometers which indicate the animal's condition. If not feeling well, not thriving, if his food does not agree with him, the tail will begin to straighten. The sicker the pig the straighter the tail. While the conventional curl retains its place there need be no anxiety about the pig. If a like with 240 ft. frontage; 2½ his gras. ½ plowed, balance not cultivated; about 4 acres nearly level; 55 ful grown apple trees all bearing (40 Baldwins, 5 sweet); 25 dunce, 4 pear. 5 plum. 25 currant. Fine new hen house 8x40; never failing well, attractive movern house, one year old; parlor fluished to oak handsome firepisce and mantel; remainder in Carollas pine and cypress; nails. parlor and closet with glass doors in diung room; new set Holland shades an 2 straw mattings go with house; house warm and sunny, cellar dry; bath room has bowl, tub and closet; open plumbing; house warm and sunny, cellar dry; bath room has bowl, tub and closet; open plumbing; house warm and sunny, cellar dry; bath room has bowl, tub and closet; open plumbing; house warm and sunny, cellar dry; bath room has bowl, tub and closet; open plumbing; house warm and sunny, cellar dry; bath room has bowl, tub and closet; open plumbing; house warms of the properties of the plant of the properties of the prope need be no anxiety about the pig. If a American neighborhood; hydrant near in case of are. Half hour's ride to Boston. Price \$4000

J. A. WILLEY,

178 Devonshire St. - Boston.

Farms For Sale.

MILES OUT.—7 acres land with personal property included. 1½ miles to Stores. Churches, Stations, etc. Soil a nice rich loam 50 apple, poar, peach plum, cherry and quince Currants, raspberries, strawberries and grapes. 50 bbls. apples in season. Cottage house 7 finished rooms, in fine repair. new barn 24x30 with cellar can keep 5 head; 2 hen houses, accommodate 200 hens. 1 horse cow, 2 pigs. 65 fowls. 2 seated carriage, top buggy, express wagon, hay wagon, tip cart, sleigh, sled, plows and all small farming tools. Price for all \$1800.

A MONEY MAKER. 220 acre farm, 2 miles from Attleboro, one of the best markets in state, and 30 from Boston. Farm is well divided, large amount of wood and timber, including a most valuable ceder growth ready to cut, a yearly sale of wood at \$4.50 per cord is assured. Tilage land level, free from stone, all worked by machinery. There is a retail milk route of 200 quarts daily; yearly sales of milk amount to over \$3600; been managed by present owner over 30 years, losses from sales for last three years will not exceed \$15. Books open for inspection. With above mentioned is included 21 fine cows, 3 horses, all tools, vehicles and farm machinery. Ice pond on place new ice house, filled. One nice house, 10 finished rooms, another older one rented for \$3.50 per month; stock barn \$9x64, large carriage house, 2 other barns. This is without question one of the best farm properties on the market today. The yearly milk and wood sales exceed \$4000 and can be increased readily, if you want a bargain look this up. We invite inspection. Fall particulars of

BE A PIONEER MINER

Milk St., Boston, Mass. And Get in Before the Spring, Rush and Receive Advantage of its Influences.

COPPER STOCKS ARE BOOMING.

THEY ADVANCE IN BOSTON IN THE FACE OF THE WAR SCARE.

Condensed from the "United States Investor," Boston, March 5, 1898: The market for copper stocks is booming. While the Maine explosion caused all other surities to rapidly decline, they showed unparalleled strength. The non-dividend payers even are advancing. Copper has advanced to twelve cents a pound, which means enormous profits. Consumption of copper is advancing faster than its production. In January England, France and Germany consumed more copper by 4,473 tons than the entire production of the United states. The visible supply in England and France decreased 2,093 tons during January and

Higher prices for copper stocks are confidently predicted. Boston'& Montana has advanced from 15 cents in July, 1893, to \$1.88 in March, 1898, and Calumet & Hecla between the same period from \$2.47 to \$5.40. Copper stocks are higher than when copper was 17 cents or 5 cents per pound higher then now, which indicates a convictio that the immensely increased demand must greatly advance the price of the metal.

IMPORTANT NEW COPPER DISCOVERIES IN COLORADO ONLY.

In recent years no new copperidiscoveries of importance have been made in the entire vorid except in Colorado. These are now causing a great rush to the

PARADOX VALLEY.

THE KENDRICK PROMOTION COMPANY

sent a representative at the earliest moment into this new district and secured over two miles length of the largest veins discovered, also a tunnel site controlling 3000 feet square of ground of mmense value. The ore carries a high per cent in copper and in addition paying quantities of gold and silver associated with the copper.

For the purpose of owning and working these claims THE PARADOX COPPER-GOLD MINING COMPANY has been organized with a capital of 1,500,000 shares of \$1.00 each, full paid and non-assessable stock, carrying no individual liability; all the claims, free from debt, have been deeded to this company which has no debt and \$2,000 cash in the treasury. One-half of the whole capital stock, 750,000 shares, has been placed in the treasury of the company to be old for the purpose of raising money with which to develop the property. Only 100,000 shares f this treasury stock will be sold at \$50,00 per thousand shares; the next 100,000 shares will be ered at not less than \$75.00 per thousand shares.

The Kendrick Promotion Company has been in the mining stock business in Denver for the ast twenty years, and during that time has handled many of the large mining propositions of the state, with large profits to its customers, and has no hesitation in recommending this as one of the most promising that it has ever presented to the public. We anticipate that this stock will be quickly taken, and it will therefore be necessary to send in orders without delay. We handle all stocks listed on the Denver and Colorado Springs Exchanges.

The Kendrick Promotion Co., (\$50,000 Paid in) MINING EXCHANGE.

Denver, Colorado, U.S.A.

Our weekly mining letter sent to all applicants

READ and THINK.

Brain Tools at Low Cost.

Through arrangements with the publishers we are able to furnish our ders with any of the following books at very reasonable prices. They cover many of the most important features of farm management

are thoroughly practical, up to date, reliable and thought stimulating. Each book is written by a competent specialist under the editorial superof Prof. L. H. Bailey of Cornell University, and every one of them

should be in the home of all who aim to carry on a farm in a practical and profitable way. They all have serviceable and tasteful cloth bindings. THE SOIL. Its Nature, Relations and Fun- | THE PRINCIPLES OF FRUIT GROWING. By

Price to our readers, 60 cents. THE FERTILITY OF THE LAND. A SUM-

ary Sketch of the Relationship of Farm Practice to the Maintaining and Increasing of the Productivity of the Soil. By I. P. Roberts, University. 432 pages, 45 illustrations. Es- the Cornell University. 812 pages. pecially valuable.

Price to our readers, \$1.00

THE SPRAYING OF PLANTS. A Succinct Account of the History, Principles and Practice of the Application of Liquids and Powders to Plants for the Purpose of Destroying Insects and Fungt. By E. G. Lodeman, late Instructor in Horticulture in the Cornell University.

399 pages, 92 illustrations. Price to our readers, 75 cents.

MILK AND ITS PRODUCTS. A Treatise upon the Nature and Qualities of Dairy Milk, and the Manufacture of Butter and Cheese. By Henry H. Wing, Assistant Professor of Dairy Husbandry in the Cornell University. 280 pages, 33 illustrations. Price to our readers, 75 cents.

PLANT BREEDING. Being Five Lectures upon the Amelioration of Domestic Plants. By L. H. Bailey, Professor of Horticulture in the Cornell University. 293 pages, 20 illustrations. Price to our readers, 75 cents.

Address all orders to

damental Principles of Management. By F. H. L. H. Bailey, Professor of Horticulture in the King, Professor of Agricultural Physics in the | Cornell University. 520 pages, 114 illustrations. University of Wisconsin. 303 pages, 45 illus- It appeals especially to the horticulturists who are willing to have his brain direct and supplement the work of his hands. Price to our readers, \$1.00.

THE HORTICULTURIST'S RULE BOOK. A compendium of useful information for ffruit growers, truck gardeners, florists and others. Director of the College of Agriculture, Cornell By L. H. Bailey, Professor of Horticulture in Price to our readers, 60 cents

> THE NURSERY BOOK. A Complete Guide to the Multiplication of Plants. By L. H. Bailey, Professor of Horticulture in the Cornell University. 365 pages, 152 illustrations. Price to our readers, 75 cents.

THE FORCING BOOK. A manual of the culivation of vegetables in glass houses. By L. H. Bailey, Professor of Horticulture in the Cornell University. 280 pages, 88 illustrations. Price to our readers, 75 cents.

GARDEN MAKING. Suggestions for the Utilization of Home Grounds. By L. H. Balley, aided by L. R. Taft, F. A. Waugh and Ernest Walker. 417 pages. 256 illustrations. Price to our readers, 75 cents.

THE PRUNING BOOK. A Monograph of the Pruning and Training of Plants as Applied to American Conditions. By L. H. Bailey, Professor of Horticulture in the Cornell University. 540 pages, 332 illustrations.

THE MASSACHUSETIS PLOUGHMAN BOSTON, MASS.

Registered Jersey Cattle for Sale at reasonable Brookline, Mass.

Henderson Dairy Co.

Apple Orchard. Wanted a snu place, with young trees preferred. Anyone having such to sell should consult. J. A. WILLEY 178 DEVONSHIRE ST., BOSTON.

Farms and Country Homes shore in Wey mouth, Hing ham, Cohasset, Scituate, Duxbury and Marsheld, from half an aere to 200 acres, and from \$1000 upwards. The quality of the home markets and the convenience to Boston makes this section one of the most desirable for poultry and vegetable raising, as well as for summer homes For list of places and prices address. vegetable raising, as well as for sum For list of places and prices, address

J. A. Willey, 178 Devonshire St. Room 502

Some New Hampshire Farm Bargains particulars of which can be had on a; plication at this office or of E. H. Carrol

Household

Housekeepers.

By arrangements with the publishers, we are able to furnish our readers with the various household publications given below at the following low rates in combination with the PLOUGHMAN.

With One Year's American Kitchen Maggine
Boston Cooking School
Magazine.
Good Housekeeping
Household
Table Talk.
What to Eat. Address

Mass. Ploughman,

Farms for Sale.

90-ACRE FARM 2 miles to tion and post-office; overle 20 acres mowing, balance pastur 300 cords wood, keeps 10 head; Baldwins or more in season, nice house, with sheds and carriage h 36x48 with cellar, with 25-ton slice all painted, 2 large poultry houses, early chicks capacity 500 hr ns. has done a profitable chicken bust both cows and poultry without in such other. All buildings in first-cand farmalso. Good place for fa mer resident. Price \$37c0;\$1000, year at 5 per cent.

CONN. FARM—Containing 13 land, story and half house w jacent, Buildings old but in first-good R. R. service to Hartford a from station; adapted for ordinal apples, pears and small fruits additional from the containing the containin

WORCESTER CO. FARM, tools included; 84 acres from rocks, on main road, electron miles from Worcester, 1 mile to post-office, churches and schools and ell, 10 rooms, nice lawn, find touse, pleasant location; small course, pleasant l man. Barn 60x50, ell 40x30; p basement; hennry 12x4 lee sheds; silos capacity 300 tons stock), 2 bulls. 6 young stock. norses, 2 pair heavy harnesses l express do., 1 light do., 1 dou l horse cart and harness, 1 2-horse sled, 2 sleighs, sul spreader, mowing machine, 1 potato and corn planter, see reaper and binder. McCorma, t 10 h. p. boiler and engine, a arrier, grist-mill, all the si think of. Cream sold at the or milk can be sold in town. or milk can be sold in town payer. Price for all, \$8000, 5 per cent, or will trade for

FRUIT AND STOCK FARM. ins 70 acres. 400 fine bear and you have bearing, and have bearing, are raspberries, 300 peach 3 and 4 yr other fruit. 2-story house 9 room are, 4 light windows, plazzas and rump at sink, running water at bawith two set boilers. Barn 60x38: 3 stalls, fine cellar with 24 ft. sprannia cellar, barn clambards. for apple cellar; barn clapboarded at 5 pola and vane. 2 henneries, 12x24 Two yrs supply of wood in shed. Cuts aay by machine. Price \$6000.

DOUBLE VALUE in this 20 acre farm. Why!
1st, Because it is nine miles from Boston
markets and is run as a market garden farm. 2dd
Every foot is valuable for building lots. Only two Every foot is valuable for building lots. Only two minutes to station, 40 trains daily; water, light, and electrics through street. Large cottage house 12 rooms, steam heat; barn 42x60 with sub-cellar; 75 ft. carriage shed, 300 feet frame for winte sash. Seld on very easy terms as a whole or in sections, or will exchange for property on the O. C. R. R. or in R. I. Personally examined.

ESTABLISHED CREAM and MILK Business L'supplying Fitchburg trade. In 130 acres, finest of grass land all u free from stone. All buildings behause 12 rooms, painted white and and pantry, with refrigerator built it ons each. Stock barn 40x48, 18 ft. ery in one part, 20 tie ups and 4 from spring 20 ft. above building nouse and barns (new pipe); henner and orchard, 300 apple trees, must oly its old; large variety other fru Win er of '96 and '97 kept 24 head '90 di near house supplies farm with f cream per week are sold at \$1 pe ale for all skim milk at 8c per can cows and pair horses, harnesses, farm wagen, our "Farmer's Handy Wagon," machine, hay rake, 3 narrows, plows, cultivators, 2-horse sled, sleigh, ex. wagon, all small tools for \$5300; \$2000 can remain at 5 per cent, or will sell farm above for \$4500.

UMMER BOARDING. - 400 acres. In one of the pleasantest towns New Hampshire, well divided; cuts 50 all by machine; keeps 25 to 30 head Valuable wood and timber lot, large am Valuable wood and timber lot, large amount I wo-story house 20 rooms in first-class cond ceme nied cellar, milk cellar, ice house, 2 oarns, clapboarded and painted; carriage 120x30. Running water at all buildings 18 a beautiful lake for long distance. Fine rees. Summer rustic house. Low tax Everything up in first class shape for cofarm or stanmer boarding place, with a first trade established. Good sugar orchard 200 sts. Price \$4500. Very easy terms. Only it to two villages. Where can you find a bette gain! E. H. Carroll, Warner, N. H., or Willey, 178 Devonshire St.

I DEAL GENTLEMAN'S HOUSE -25 miles DEAL GENTLEMAN'S HOUS from Boston, excellent steat service, 1 mile to P. O., Stores Schools. 30 acres level land fre Spiended set of buildings, 2-story—10 finished rooms, painted whit shingled; sets back 600 ft. frowhere electrics pass (2 lines. 6 way lined with Maple and Linden sices leads to house; plenty frainted and cunola, 38x47, 2-st. way musu with Mapie and Linden in ites leads to house; plenty shr (painted and cupola) 33x47. 2-story carrage and tool house 18x30, one pu 15x20, two others 8x10, another she of tools, etc., 16x9. Fine cold well small apple orchard bearing well, young trees just beginning to bear, buildevation 30 ft. higher than street, present 8 head cattle and 2 horses. Pires and clear one third or seed to the seed of the cold of the col

SPECIAL INDUCEMENTS made buying this 40 acre farm. ton, by contracting with the vegetables and fruits they will ing the purchaser a sure mark Bullaings are located on high good sprig water and consist house of 12 rooms, barn and school, 1½ mile to churches, st Land is suitably divided; buildi and surrounded by grand old trees. Rieven bu-hels of nuit last year. on a main road, and good neighborhood. Price \$22

HINEST POULTRY PLANT in New Englatd Near city of 85,000 population. 26 miles from Boston. Home market for all eggs and poultry at top prices. 34 acres land; land worth more for building lots than price asked for entire plant Brooder house 75x15; hot water system; capacity 1500 chicks. Breeding houses are, No. 1-75x12; No. 2-72x12; No. 3-75x12; No. 4-72x15. Two smaller once, 131 24, and 8x16—all having yards varying from 50 to 100 feet in length. Buildings facing south. Land a good loam. \$2000 to \$3000 worth plas 24, and \$x16—all having yards varyin to 100 feet in length. Buildings fact Land a good loam. \$2000 to \$3000 tumber on place. Brook crosses feld. In house, barn, cook house and garden. house ten rooms; barn 50x50; fine coarriage house 24x36; cook house 1 stories; grain bins up stairs; 8 H. P. gine. Mann power coue cutter; clot one 600-egg Chailenge, one 600-egg All buildings clapboarded and painted road, electrics soon to pass. 1% mile postoffice, churches, etc. There are 20 apple, 12 pear, 100 currant, 100 ru 100 blackberries, and small strawberry \$10,000, one-half cash. Included are bred Barred and White Plymouth Rowyandottes, Brahmas and Leghorns. tlody? 178 DEVONSHIER ST.

SOUTH EASTERN N. H. FARM.—125 acres, 66 mowing and tillage, 60 pasture, wood for home use, land level, free from stones, clay subsoil, 10 acres underdrained, cuts 100 tons Rullish hay, yearly. Tie ups for 35 head and bhorses, best of never falling water house and barn, 160 Baldwins and russets in bearing; 400 bbls. in season, 50 young apple trees 5 years old, all varieties, pears, grapes and rasphernes. Ice pond on farm, brook in pasture, 2½ story fouse painted and blinded, lawn and shade, shed and carriage house. Barn 90 x 40 with wing 50 x 86, ice house and heunery. Barn clapboarded and painted, all buildings in frst-class condition. I mile to postoffice, stores, schools and churches, 1½ miles to one depot 3 miles to another, 50 to Boston on main line B. & M. Price \$10,000.

MIDDLESEX CO. STOCK FARM-FOR MIDDLESEX CO. S100A 7 miles from miles to 3 stations: 125 acres meanly all tile drained, all worked cuts 90 to 100 tons hay, accommo head and 16 horses, (Have kept 16 horses) man-ion house. 18 cellar, furnace heat; barn 130 ft. 250 tons each, Sheep shed 60 ft. with boiler room. 2 set boilers. Sheep shed each cut water boilers. with boller room. Seeds, 2 work house 40x40, colt barn 50x30 water supplied by windmill, thr tank in barn of 6700 gallon orchard, 150 bbl. Gravenstiens, wins in 1897, besides other vartrees, raspberries, currants, pand Moore's Early grapes, 200 fings in fine repair, situated on his beautiful elm and maple trwalk to street cars. It the supplies with the supplies who call for it at 30 cts \$\rightarroom{1}{2}\$ bl. make. 1200 bushels corn \$\rightarroom{1}{2}\$ machinery are of the best and law ill be included (in sale only) if consists of 22 head, 5 horses, 4 swine, 2 thoroughbred bulls. We personal for about one fifth of will reat for one or three years were supplied to the supplies of the control of the supplies ted; wagon sheds, 2 wo 40x40, colt barn 50x rent for one or three years wing for \$1200 per year. All p

178 Devonshi J. A. WILLEY, 178 Devoushire Stret, Bo

POULTRY.

***************** Make It a Business.

poultry keeping on farms sometimes fails to pay because considered so unimportant that it is neglected at busy times or left to be taken care of in an incomplete manner by the women folks

, 1 to sta-arge pond; woodland. 100 bbls. 100

all tiliage barns ad-condition; Y. 40 rods k raising; ce \$2500. St., N. Y.

stock and level, free pass, 13 s, station

to Lowell farm con-trees, 16 is, 2 beds d, besides arge part-

m. Why?
m Boston
arm. 2ud.
Only two
eer, lights,
age house
sub cellar:
or winten
hole or in
ty on the
lined.

Business vale farm r drained, in 1895; inded; ell 2 siles, 45 ts; cream ls. Water

ragon, one Ay rake, 3 ed, sleigh, 00 can re-above for

or storage
of water,
nother of
ings on an
eeping at
ice \$6500.
f desired.

od repair d walnut rom trees eptionally

w Englat 4
more for
irre plants
em; capare, No. 11; No. 42; No. 42; No. 43; Trom 50
Ing south,
worth pine
City water
Dwelling
liar; Joins
6x24, two
boiler, ener cutter;
Monarch,
On main
to store,
200 pium,
spheries,
800 pure
sks, White
InvestigaLEV.

126 acres, wood for tons Englad and house and aring; 400 years old, rries. Ice tory house shed and no for x 36 arded and titon, 1 churches, ther, 60 te 0,000.

on, I to aste land nachinery as to land nachinery last construction of the last construction of

only way to make the poultry business BRANCHES: neceed is to make a business of it. There are so many people in it now that understand it that the profits are

Summer Foods.

fat making foods are not needed in so she stops clucking, put her back. large proportion, but rather those foods which make lean flesh and eggs. Let The worst objection to a hand power Farmers' Guide.

900-making \$752.574 Hone-making \$752.574 \$75 27.80 8.86 6.58 7.058 8.71 8.71 9.87 Hask, etc.....

Egg of flesh-googg-server of the first of th

54-0002850-

Starch, etc ... oseote datate

It will be seen that some of the foods matter. Others, such as corn, contain ally supposed. a large proportion of starch which tends to fatten. The table will afford some interesting suggestions for changing the

Poultry Notes.

A common cause of bowel trouble is dirty water left standing in the sun.

feet square to a dozen towls, and a yard longed. ten times as large.

ing places.

The hen business is all right, but this of eggs ought to stop. We now send away more eggs than we import.

horns lay a dark egg. Their fortunate owners should save them out for breeders and try to establish a brown egg

why the hens don't thrive.

the money received trip; with the other

P. M. SHARPLES.

Evidently in summer the heating and but give her plenty of water. When

ns study the compositions of some bone cutter is the hard work of runof the chief articles used. The analyses ning it. But those who are so located are mostly according to those made by that they can have the sortings of the butcher's box of waste, can pick out the soft bones and will have no trouble my readers like a contradiction, for in But an unscientifically connected handy for spreading them out on in grinding them in a hand mill. In the minds of many the terms "country drain will bring the worst of all calami- shelves (with wire or slatted bottoms) that case a hand mill will pay for a very air" and "pure air" are synonymous, ties, for it will furnish an open high- in early spring, say from two to four small flock, and no food will make eggs and the subject does not receive the at- way through which may march an army weeks prior to planting .- T. Greiner

feeding that many persons do not feed fore—the time when the Israelities recient plan and throw the slops on enough. So long as a hen is lively and ceived such elaborate instruction in san- the lawn, throwing them in a fresh active and laying, does not lift heavy or itary matters, there has always been the place each day. In fact the latest keeping there is nothing of more imfeel especially fat about the rump, she same need to prevent the decay of remethod of sewage disposal adopted by portance than the little bee escape. It is all right. As long as the food is of jected material from contaminating the some cities is about the same as that, is a very simple arrangement, easily the right kind and changed often and atmosphere of the home. One of the only it is done by machinery instead of operated, and does not cost much. It not left in the coop, hens are not likely first mistakes of those who have not made by hand. to get fed too much in the laying season. a careful study of the subject, and some- If a drain is had it should enter the ous work of brushing bees from secusually get overfed.

composition. Corn is not the best food house sanitation.

How a Mulch Acts.

essential in keeping up production or with all the benefits that are to be de- more important consideration is that with the water. A ventilating pipe, its place, then put the escape board begrowth. For instance it appears the rived from the practice of mulching this arrangement will give complete two inches in diameter, may pass from tween the two cases, putting the case of new process linseed meal contains more garden crops and fruits, else it would be control of the air under the house, for the cistern cover to the attic, and there honey and bees on top of the empty case, egg forming material than any other more generally practiced. It will soon the reform in sanistary, like all re- enter the kitchen chimney, and the seat and also the escape board. If the escape substance in the list, and can be used to be time for a dry spell occasionally that forms, to be thorough, must begin at of the water closet may also be ventil- is put on the hive in the evening the advantage with wheat bran for a change. will injure these crops, and the time is the bottom. By whatever exit air goes ated in the same manner. The ventila- bees will be nearly all down in the empty Gluten meal it will be seen is a valuable opportune to speak at some length upon out of the cellar it is certain that much ting pipes leading to the chimney, case by morning. I propose to put the egg producing food, and contains but this subject of mulching. If we only of it enters from the ground itself, should enter it horizontally, and at the escape on in the evening, so the bees little fat to overheat the fowl. Oats, observe nature closely we may obtain especially during the winter, when the point of entering it is better that they will be ready tolgo to work in the mornalthough not especially relished by the some valuable hints and facts about outside door and window are tightly should extend inwards an inch or two ing. It honey is coming in in sufficient fowls, make a good change and contain mulching. We see it is practiced conclosed. up rations, it is desirable to balance the ries. Here the decaying leaves and case, and much more so does air, and the end by soot. I have used this lose no time; remove the case of honey toods which contain a good deal of grass cover the earth all through the it is evident that if we would be sure of method of ventilating into the kitchen in the morning or as soon as the bees starch and fat by those which contain a summer season, thus preventing the soil pure air in the cellar not only must the chimney, and have recommended it to are nearly all out. If the season is over good deal of egg or flesh forming matter, from lo-ing its moisture. Around the area about it be kept from offensive others, who have used it with equal and the bees are not very active, they and also to mix a heavy meal with one trees in every forest and about the roots material above the surface, but below success, years before it began to be used will be slower in going out of the case. which is light and flaky, like shorts and of wild grasses, and even in our mead- the surface as well. The ground by city architects. buckwheat bran. An animal food, like ows where they are not pastured too breathes into the cellar and we must There is another matter that should sible so there will be no danger of robout bone besides its direct value as a closely, the accumulation of vegetable see to it that its breath is sweet and be touched upon in connection with bing should there happen to be any food contains an abundance of material matter acts as a covering for the soil and wholesome. For this reason drains, this subject of pure air in the home, and way for bees to get in. It is a great for shell, yolk and white, and has also a holds back the water that is so much privy vaults, cesspools, etc., must not that is the location of the laundry in the satisfaction to be able to remove sections needed in dry seasons. Now, if we but be allowed to filter into and defile the basement. In planning a new building from the case without being bothered imitate nature as she works in forest earth in the vicinity of the house. But this is easily arranged, but in remodel- with a great lot of bees to brush off .- E. and on the plains, using the artificial after we have taken all these precau- ing an old house its accomplishment is S. Mead in Ohio Farmer. straw mulch about our fruit trees and tions it is still true that air from the cel- not always so easy. Where it can be berries we will find our average yield lar of a country house is wont to be done, a portion of the cellar which is General Tracy has bought the black increasing considerably. Not only this, damp and freighted with the odors of convenient and well lighted may be stallion Lord of the Manor, by Mambut the season for most all kinds of various vegetables, and when the open- partitioned off for a laundry and fitted brino King, dam Princess Chimes, by A general rule is to allow a house ten small fruit will be considerably pro- ing of the door brings a whiff from the with the conveniences, including a set Chimes, to place at the head of his

is a purely mechanical operation, retain- must be ventilated directly into the base household matters, and also furnishes a Weak legged chickens are often ing the moisture and keeping even the of the chimney. The kitchen chimney place to which may be carried some of caused by too much heat in the brood- temperature of the soil. For this pur- is best for this purpose as it always has the coarser work in connection with er, especially where bottom heat is em- pose anything that will shade the a draft both summer and winter. Three the farm routine, and if the cellar is ground, such as boards or straw will do feet from the cellar floor make an open. ventilated in the way I have described, the work. The other is by adding plant | ing eight inches square, and the draft of it assists in solving the pure air prob-If the chicks are droopy and no special food to the soil as it gradually decays. the chimney will draw a continual curcause appears it is probably lice. Care- If we use straw or leaves for instance rent of air from the cellar. This will fully apply a little grease to their lurk- we get both effects, and as straw is also serve another purpose, as through usually an article on the farm that is in it may be removed the ashes and soot excess of the demand there is no lack of as they accumulate.

feeding.

Pure Air in Country Homes.

The above title may seem to some of Nature in Nature's cathedral. So much has been said about over- well understood. But since-and be- be better to revert at once to the an-

A Free Summer Excursion with tiles or cement blocks leaving no Closely allied with this subject is the and safest plan (one which I have pracpart of the soil exposed, except where drain problem. In this matter little or tised with best results for a number of to Lake or Mountains for every dairy the plants come through. This method no assistance can be got by watching years) is to spread the potatoes out in farmer in America who has twenty or has long been in use there and of course owa. Sell form is found profitable. The stars make the plants come through. This method no assistance can be got by watching years) is to spread the potatoes out in single layer, in shallow boxes or flats. more cows. Sell four is found profitable. The straw mulch connect with the sewer, subject to the and thus exposing them to the light in is as necessary to plants as of the cows (the poor- with them would seem very extrava- inspection of the Board of Health, and a well lighted, frost-proof room, as for bread is to man. Some crops est ones). Use half gant, as it is more valuable for stock the problem is solved. But not so in instance, in a garret or under the greenthe country, where the owner must house benches for a number of weeks Of garden crops mulching potatoes often study the subject for himself if he before planting. But I believe that pays better than most anything else. would live in safety. It the contour of even this is not enough. We can ard or children.

If some farmers neglected their cattle

If some farmers neglected their cattle

as they do their hens the whole business
would end up in the sheriff's sale. The

would end up in the sheriff's sale. The

SHARPLES DAIRY
SEPARATOR.

The remaining cows and the Dairy Separator of mulching liberally at the proper time and in the right manner. Next to straw and connecting with a dealer toward of the ground permits, it is better to have a four-inch drain pipe of iron leading out of the cellar below the frost line, give them the right treatment from the the earth mulch is most convenient for lng in a cesspool at such a distance and potatoes should not be allowed to bespring crops, obtained by frequent shal- in such a position as to make it suitable. come fully ripe before they are dug. low cultivation. With an inch or so of But sometimes the situation does not Tubers still somewhat immature need the dust on top of the soil in corn field admit of this. The city man who builds further time to ripen up in storage, and that discovered less for those who do If the setter is promptly shut off by or truck patch, there will be very little his sumptuous "cottage" and by an consequently will surely keep longer herself in a small coop, with a slat bot- moisture escape that isn't thrown off by underground connection stealthily pours without sprouting than overripe potatom, or one of cool earth she will soon the growing plants. With lands thor- the dejections of his household into the toes, and when the tubers after digging give up the idea. While under treat- oughly prepared before planting, we trout brook, which sweetened the vale, are exposed to the air and light for ment, feed her rather less than usual, have little else to do but to work up and slaked the thirst of men and kine, days or even week, they will become this earth mulch in corn, potato or to- has committed an act of sacrilege which hardened and able to keep much longer bacco fields to secure a good yield when cannot be too strongly condemned. He than ordinary potatoes without aproutthe season happens to be a dry one .- has shown a disposition to vandalism ing or wilting. I think that late potaquite inconsistent with a wholesome ap- toes or any potatoes to be planted late, preciation of the sanctitics of country should always be treated in this way. life, and should attend for a season the Where a large quantity is to be planted school of the Druids, who worshiped my shed for curing onions, especially

tention it should from architects and of those diseases which are known to the in American Gardening. builders, nor are its principles always profession as "germ diseases." It would

Fall and winter is the time when hens times of those who have, is to thought- cellar below the frost line, as stated, and tions or frames in removing either lessly assume that the ground is practi- a connecting pipe should pass upward comb or extracted honey from the cally impervious, and that whatever of through the house and terminate sever- hive. If a hen is to lay eggs it is plain that unclean matter is below the surface is al feet above the roof. Each sink and The escape consists of a small tin be x she must have egg making food. What- already well disposed of. Nothing bowl must have a trap immediately with two small springs which nearly ever will stimulate milk will stimulate could be more mistaken than this idea, beneath it, and in addition each trap come together at the point, V-shape. eggs which are somewhat similar in nor more likely to lead to errors in must be ventilated into this pipe. This The bees pass out between the springs composition. Corn is not the best food for milk, neither is it for eggs. Like the cow, the her needs considerable the cow, the her needs considerable to the cow. The her needs considerable to the cow the her needs considerable to the cow. The her needs considerable to the cow the her needs considerable to the cow the her needs considerable to the cow. the cow, the hen needs considerable coarse food along with her grain, but

Let us begin by considering the house by syphoning, and also prevents the operate the escape, get a half-inch board itself. The one item of first and great-the back-setting of sewer gas. This is the size of the top of the hive; cut a grain, but coarse food along with her grain, but est importance in the house plan is that the safest method of ventilating the main mortise in the center a little longer she will do best if allowed to pasture the cellar shall extend under every end drain, but there are other places that can than the escape, and place the escape in SECOND HAND CREAM SEPARATORS contain a high per cent of flesh forming herself. In fact the hen should be of it. This is necessary in order that best be ventilated into the kitchen the mortise. The board should have a matter which is the same as egg forming treated more like the cow than is gener- the sills may rest evenly and firmly up- chimney. The cistern if located in the small strip about one-fourth of an inch on the cellar wall, thus saving the cellar, is likely to have a collection of thick nailed around both sides to form house from the fate of so many country unwholesome gases caused by the decay a bee space between the surplus case houses where the annual heaving of the of the small amount of vegetable matter and also the brood chamber. ground with the winters's frost throws such as the blossoms of trees and dead In using the escape I always lift the rations to give variety which is so Farmers are not generally familiar doors and windows out of true. But a leaves, which is unavoidably carried in surplus case and put an empty case in beyond the inner surface of the chimney quantities the empty case should be filled Water flows through the earth with to prevent their becoming clogged at with sections so that the bees

> cellar it is never pleasant, nor always kettle. This prevents the weekly wash- stud. A mulch helps in two ways. The one wholesome. To obviate this the cellar ing from interfering with the other

Handling Seed Potatoes.

One of the chief reasons why our potato varieties deteriorate or "run out" it to be used as a mulch. And we know I have used this method for years so quickly in the hands of the ordinary talk about importing millions of dozens of no better way of disposing of the successfully, and it accomplishes more grower, and why our average crops are than simply ventilating the cellar. Not so very small, may be found in the poor When the soil is covered with straw only is it purified from the close and quality of the tubers usually used for A very few specimens of Buff Leg- or leaves chemical changes are going on unwholesome air that always pervades seed. A large proportion of all the or leaves chemical changes are going on that benefit the farmer. We all know how black and mellow any common soil will soon be if covered only by a flat stone. Nitrogen will accumulate under stone. Nitrogen will accumulate under the solution of the the state of the thorse described by the extent, as the cellar air can no longer ascend into it, but instead the air is drawn of long sprouts. When these long, the thorse data duality of the tubers usually used to shaky and there is an opening to the glass shaky and there is an opening to the state of the proportion of all the state of the state of the proportion of all the specific to constitution at the proportion of all the state of the stat a mulch of any sort and it is this ele- from the rooms down into the cellar to spindling sprouts have once been al-Some men who would consider it an ment of plant food that is most expen- replace that which is drawn up the chim- lowed to grow out on tubers, the latter Dutrage upon the horses not to clean sive and most desirable in most in- ney, thus keeping the rooms free from might better be thrown away than the stable every day let their benhouses stances. We had a striking illustration a suspicion of "cellar gas." It is well planted. No full crop can be grown go unclean for months, and then wonder lately as to what a mulch will do for the to have a couple of loose bricks at hand from them even under otherwise favorstrawberry. On the patch where straw to partially close the opening if it able conditions. Fortunately for the The worst danger in feeding Indian meal to chicks in hot weather is that the dough gets sour; then look out for dysentery. Much better to bake it into Johnnycake, or at least scald it.

There is not the slightest need of a rooster. She will make with the hens after the breeding season. Substitute a hen for a rooster. She will pay her board and the lorse will not. Infertile eggs will keep much longer.

Strawberry. On the patch where straw was used the crop was splendid from source was splendid from source was splendid from source was used the crop was splendid from source was used the crop was splendid from source will not. Infertile eggs will keep much longer.

Strawberry. On the patch where straw was used the crop was splendid from soulce was used the crop was splendid from should become necessary, as the fire's during an extremely cold spell will should become necessary, as the fire's during an extremely cold spell will sometimes make so strong a draft as to give too much ventilation.

HOOD GUALITY and QUANTITY in the can and usually does plant too early to give his seed potatoes much chance were gone a week sooner, to say nothing of their being dirty and unmarketable.

HOOD GUALITY and QUANTITY in the can and usually does plant too early to give too much ventilation.

Was used the crop was splendid from source where no straw was used the yield was not more on the source of the can and usually does plant too early to give his seed potatoes much chance to grow long sprouts before planting. Then, also, some of these early potatoes were gone a week sooner, to say nothing of their being dirty and unmarketable.

HOOD GUALITY and QUANTITY in the patch where straw being a draft as to give too much ventilation.

Was used the crop was plendid from early oblication of the can and usually does plant too early too give his seed potatoes much chance to grow long sprouts before planting. Then, also, some of

the Barletta pickling onion, comes very

Removing Honey.

Among the recent inventions in becovercomes to a great extent the labori-

When death comes to the door of a strong, rugged, healthy constitution he finds it closed. He is always sneaking around looking for openings through which he can invade happy homes and leave them forlorn and desolate. He looks for weak places and broken doors which can be easily battered down. When a man's vigor and CLOSED man's vigor and energy begin to weaken and become uncertain, then the door to

shaky and there is an opening for the grim Pierce of Buffalo, N. Y., cures so many cases of lingering coughs, throat, bronchial, and kindred affections of the air passages. It gives thorough abundant constitutional vitality. It gives the digestive and blood-making organs, where consumption usually begins, power to do their work completely so that no poisonous dregs can get into the circulation to fasten on the lungs and vital tissues.

"I have been iroubled with bronchitis for several years," writes Mrs. Orlin O'Hara, of

Potash

need more Potash than others, but none can do without it.

The character of soils must also be considered, some soils being more deficient in plant food (Potash, phosphoric acid and nitrogen) than others.

Every farmer should read our pamphlets containing full particulars of the large number of experiments made by Experiment Stations with fertilizers on different soils and crops. These pamphlets can be had free on application.

GERMAN KALI WORKS, 93 Nassau St., N. Y.

Raise Hens

People living just outside cities and large towns can (owing to their nearness to markets,) make large profits in the poultry business. No other occupation pays better or is easier to conduct. It can be successfully carried on by women or boys and girls, provided they have a knowledge of the right methods of management, feeding, etc. This may easily be gained by faithful study of that best and most practical poultry paper,

Farm-Poultry

It teaches how to make money raising poultry and eggs for market. It is edited by practical poultry raisers, who tell their readers how to prevent and cure all poultry diseases; bring pollets to early laying maturity; make hens lay when prices are highest; build the best houses and yards; keep poultry free from vermin; hatch and dress poultry for market. Published semi-monthly.

Sample copy and a 25c. book, "A Living from Poultry," sent for 12c. in stamps.

I. S. JOHNSON & CO.,

Justom House St., BOSTON, MASS.

BARGAINS I have on hand and for sale a large number of

Of various sizes and different makes. These machines are in first-class condition, having just come from the repair shop. Address P. O. BOX 856, Philadelphia, Pa,

Dairying for Profit OR THE-

POOR MAN'S COW. For 15 cents.

We have made arrangements with the publish ers to furnish our subscribers with this valuabilittie book for only 15 cents. The author, Mrs Jones, is one who has made a success in this line and knows what she is talking about. She writes in a concise, practical way, treating only of what she has learned in her own experience, which habeen a long and varied one, and covering fully the whole subject. Any of our readers who keer cows, whether one or one hundred, will do wellte read this book. Send fitteen cents to the Mass PLOUGHMAN Off be, Boston Mass.

MOSELEY'S OCCIDENT CREAMERY FOR TWO OR MORE COWS. PERFECT CREAM SEPARATOR. BOSELEY & PRITCHIRD EFG. CO., CLIFTON, IOWA.

Owners of Farms If You are desirous to SELL, RENT, OR EXCHANGE Your farm, WITH or WITHOUT privilege o buying, now is the time to list them with us. We re constantly havi ng calls for such, and make pecialty of FARM PROPERTY. Send full particulars to

MASS. PLOUGHMAN OFFICE.

FOR SALE of 26 cans
2 extra fine horses 7 and
8 years old, new wagons
pung, ice-chest, cooler,
sink, 3 sets small cans.
135 large cans, some jars. Single harness, blankets, etc. Milk retailed for 6 and 7c year around
nearly all family trade. Less than 8 miles of
Boston. Apply to JAS. A. WILLEY. 178 Devonshire St., Boston

IF YOU WANT POWER FOR

PUMPING WATER,

Sawing Wood, Grinding, Ensi-

^^^^ GASOLINE ENGINE Can be started in two min-utes. No steam, smoke, dirt, ashes or danger. CATALOGUE SENT FREE.
Chas. J. Jager Co.,
174 High St., Boston, Mass.

Mearest of the large hotels to Union Station, Steamers, business and amusement centres.

C. A. JONES.

HOUSE

Itembers, retities and anusement centree.

LARCHET ROOMS in the city for the price (\$1.00 per day and upward). Steam heat and electric light an experience of the house, giving patrons every modern improvement and conventence at moderate prices.

EUROPEAN PLAN. The special breakfasts at 40 cents and table d'hote dinner at 50 cents are famous.

HOTELS.

Transfer Hotel

JUST OPENED.

Rooms, Restaurant and Board, at 'Feasonable

157 & 159 E. 42 St., - NEW YORK CITY.

CHAS. BECKMANN, Prop.

WHEN IN BOSTON, STOP AT THE

MERICAN

RAILROADS.

STONINGTON LINE TO NEW YORK.

Express train leaves Park Square Station week days at 7.00 P.M., arriving in New York at 7.00 A.M., in time to connect with all early trains Steamers Maine and New Hampshire in Steamers Maine and New Hampshire in commission.

Tickets and State Rooms secured at station Park Square, Boston, and 3 Old State House, Boston, L. H. PALMER, Agent, Telephone No. 1840

J. W. MILLER, O. H. BRIGGS,

President.

Quincy Mutual

Fire Insurance Co.

INCORPORATED IN 1851.
COMMENCED BUSINESS IN 1851
CHAS. A. HOWILAND WILLIAM H. FAY, Secretary
President. CASH FUNDZAPRIL 1, 1896, \$625,000.00

SURPLUS OVER REINSURANCE, \$370,000.00 IOUNT AT RISK, \$34,575,348.00 AMOUNT AT RISK, Losses paid during past year \$36,024,48

Dividends paid during past \$72,493.25 GAIN IN SURPLUS DURING PAST YEAR. \$30,000,00

IF YOUR CHICKERS Don't Grow, look on their beads and see why. T.A. MEBSTER TO DEATH TO LICE OINTMENT will fix them quick and brighten the broods. 100 dozes 1.00. postpaid. Book Free. D. J. LAMBERT, Box 312, Appenaug. R. J.

One of the best Cranberry Bogs in Plymouth County for sale. Located near the ocean and a railroad station, good stream of water through it; easy to drain and can be constructed for about one half what it usually costs: plenty of vines growing on it in the natural state that produce fruit of better quality than most of the Cape cranberries. For particulars apply to EDMUND HERSEY, Cedar Hedge Farm, Hingham, Mass.



How to Get Well. How to Keep Well INW to hoop well is the best home DOCTOR BOOK out. Its advice is sound, sensible, sate. Rev. Dr. Miner said: "It is a charming book, which cannot fail to proved. Price only \$1,00. For sale by

MASS. PLOUGHMAN, 178 DEVONSHIRE ST., BOSTON.

THE NEW POTATO CULTURE.

Second Revised Edition. By ELBERT S. CARMAN, edition of THE RURAL NEW-YORKER: originator of the Foremost of Potatoes-Rural New-Yorker No. 2.

This book gives the result of 17 years' experiment work on the Rural Grounds. How to In-



crease the Crop without Corresponding Cost of Production. Manures and Fertilizers. The Soil. Depth of Planting. Seed. Culture. The Rural Trench System. Varieties, etc. It is respectfully submitted that these experiments at the Rural Grounde have, directly and indirectly, thrown more light upon the various problems involved in successful potato culture than any other experiments which have been carried on in America. Price, cloth, 75 cents; paper, 40 cents; prepaid.

For Sale by Mass Ploughman.

TURKEYS. Grow Them.



No book in existence gives an adequate account of the turkey,—its development from the wild state to the various breeds, and complete directions for breeding, feeding, rearing and marketing these beautiful and profitable birds.—In a present book is an effort to fill hits gap. It is based upon the experience of the most successful experts in arkey growing, both as breeders of fancy stock, and as raisers of turkeys for market.

ket.
The prize-winning papers out of nearly 200 essays submitted by the most successful turkey growers in America are embodied, and there is also given one essay on turkey culture, from different parts of the contract including Canada and New 1988 and New 2018 and the country, including Canada and New Brunswick, that the reader may see what ways have proven successful in each locality.

Profusely Illustrated. Cloth, 12ma Price, postpaid, \$1.00.

Address Mass. Ploughman. Boston

BOSTON, JULY 16, 1898.

Persons desiring a change in the address of their paper must state where the paper has been sent as well as the new direction.

THE man of all men to be envied is the one who can get fun out of hard work.

HANG on to the bird in the hand, the other hand will do to catch the bird in the

In watering corn, a gallon at setting out time is worth ten gallons two weeks

APPLES have been dropping fast lately, but the prospect of a fairly good crop remains in this section.

A WELL dug during a dry time after having will need to be dug deep before striking water, but will likely to prove a good lasting well.

It is suspected that one reason why Farmer Slack cannot make both ends meet is because he sometimes tries to on Sunday, by the throwing of shells ing on the war. The bill was passed make one end drink.

SOMEBODY is still making butter that sells for about the price of lard in Boston markets. It would be hard to convince such a person that dairying pays.

ORCHARDISTS quite commonly estimate a well-grown ten year old apple tree at ten dollars. What easier way to produce

MACHINERY is so much idle capital, earning no interest but wasting away dummy wooden guns and no Spanish the present regular session of congress rather, except when it is kept at work, soldiers. The city is completely sur-Hence the farmer who has a big outfit of rounded, so General Shafter reports, but machinery, must drive it harder than ever the line is a thin one, and it is feared that by this body was the federal bankruptcy to make the capital invested pay good the Spaniards may, after all, escape, act, which became law in this congress.

swine and poultry ought not to be for- pitiable one and there is much suffering clover, or even well cured corn ensilage at the front, but while he will not take in winter, and can be kept more cheaply command so long as General Shafter is and in better health when given a fair able to be at the head, he will have a ration of such food.

In the line of farm education of practivarious towns throughout the state-These are a kind of modified farmers' meeting and conducted by some of the and another opportunity given for best experts in the country. The very air surrender on the part of the Spaniards, of these meetings seems laden with knowl- but this was again refused, and they confarmers have come to value them very ing the time of the truce. There seems highly, now that they have discovered to be no opportunity for their escape, and that the points they pick up have a no doubt as to the ultimate surrender of

WHATEVER may be the case in other for lack of tree growth. There is so forbidden to do so by Gen. Blanco. permanent forest area will always be der. large. When the wonderful timber capacity of such sections is fully appreciat- surrender the eastern end of Cuba if the ed, and when the owners learn how to Spanish troops might be allowed to withgrow and cars for the choicer varieties of draw, but this was refused. A truce was for growing orchard trees.

In the whole eastern half of the country there is probably no better location living there and enjoy life as he goes.

time. Very few recently cleared pieces advised the queen to appoint a new cab- lost would have been smaller. are seen, while on the other hand thou- inet composed largely of the military elelage have been gradually abandoned to accepted or only lead to a partial recon- the Clyde Line steamer Delaware, from machinery, and the owners have come to was caused by irreconcilable differences such land alone and concentrate their at- lieved that Senor Sagasta must accept the tention upon the best lands of the farm. responsibility of deciding whether it shall The result is that, while the farms of be peace or war. If he decides for peace New England are growing in productive- and holds firmly to that decision, most of ness by reason of the improvement of the his colleagues will support him, but if he best lands, the area devoted to forests is advocates war, the cabinet must be very increasing.

CATARRH CANNOT BE CURED with LOCAL APPLICATIONS, as they can not reach the seat of the disease. Catarrh is a blood or constitutional disease, and in order to cure it you must take internal remedies. Hall's Catarrh Cure is taken internally, and acts rectly on the blood and mucous surfaces

CURRENT TOPICS.

American lines.

The new Eastern squadron which has been formed consists of two battleships, the Massachusetts and the Oregon, the protected cruiser Newark, three auxiliary cruisers, several colliers and a supply ship. It will be under the command of Commodore Watson and will start for Spain this week. Admiral Camara, who perate opposition by democrats and radical took his squadron through the Suez Canal, presumably on the way to the Philippines, has been recalled to Spain and will coal at Port Said, as coaling at a neutral port is allowable when the vessels are headed for home. The plan is for Commodore Watson to destroy the remaining Spanish squadron, which will leave Spain without a navy.

apple tree in a tilled field and let it grow? ing the city, a small force only re- \$400,000,000. Appropriations for \$412,-In adopting the ensilage system the plight of the refugees from the city is a gotten. They will greatly enjoy chopped among them. General Miles has arrived large share in directing the movements of

Gen. Miles reports that there are unexcal sort, New York state stands very near pected physical difficulties to contend the head. A very successful feature is with, and appears to be greatly pleased the series of horticultural schools held in with the progress of the army before

Santiago under existing conditions. A truce was declared on Tuesday, edge and experience and the practical tinued strengthening their defences durdirect cash value in increasing their crop. the city, news of which is hourly expected.

It is believed that Gen. Toral, the leadsections, there is small prospect of New er of the Spanish forces, would surrender England ever becoming a barren waste were it not for the fact that he has been much land that will never be capable of latter sent a very unsympathetic reply to easy and profitable cultivation that the Admiral Cervera's report of his surren-

On Wednesday, Gen. Toral offered to

Spain if they surrender. for fruit growing, egg farming and mar- arms has led to bitter attacks upon the the extent of the damage done, his intenket gardening than in the great cluster of existing government. Opinion is very tion being to head for Sable Island, some cities and towns within a radius of twen- much divided in Spain as to the wisdom sixty miles away. In the distress and ty-five miles of Boston, where is located of seeking peace. General public opinion confusion which followed when it was half the population of the state. These seems to be at present in favor of peace if realized that the ship was sinking, those who earn good wages, who live well and to them reasonable terms. Nearly all was abandoned. It is said, and the statecan get it choice and fresh. Prices are supplies in Cuba are not nearly so great that so large a proportion of the crew rather higher than in other sections and as was supposed; that Porto Rico could was saved and so few passengers, that means the poorest. It will produce large since America has now obtained undis- those passengers who tried to get in. The is thin and rocky, and not suitable for known. The resignation of the cabinet were saved by boats from life saving stalargely reconstructed. To adopt a peace policy would mean for him, probably, the loss of political prestige, and he prefers

directly on the blood and mucous surfaces.

Hall's Catarrh Cure is not a quack medicine.

It was prescribed by one of the best physicians in this country for years, and is a regular prescription. It is composed of the best tonics known, combined with the best blood purifiers, acting directly on the mucous surfaces. The perfect combination of the two ingredients is what produces such wounderful results in curing Catarrah Send for testimonials, free.

E. J. CHENEY & CO., Props., Toledo, O. Sold by drugglsts, price 75c.

The long session of the fifty-fifth congress closed Friday, July 8, important legislation having been enacted and many matters passed upon of a history making sort. During the first three months the war spirit was repressed with the greatest difficulty. After the blowing up of the Maine, there occurred a grave pause

that some one else should act as scapegoat.

There seems to be no one, however, will-

ing to accept such a part.

which was broken by the bill appropriating \$50,000,000 which was placed at the disposal of the President without reserva-The reception given to Lieut. Hobson tion to put the nation on a war footing and his companions when they were at This bill passed the house after a debate last exchanged, was a very enthusiastic of one day, during which time democrats one, the troops going nearly wild over vied with the republicans in declarations them. They report that the Spaniards of loyalty. The senate passed this bill accorded them courteous treatment and without a word of discussion, which was that they had nothing to complain of. quite as effective as the house's tumultu-They knew nothing of the destruction of ous demonstration. On the 19th of April Cervera's fleet until they were within the Congress passed the Cuban resolutions which brought matters to a climax. It directed the President to eject the Spanish from the island of Cuba and to use the army and navy of the United States for that purpose. It declared the independence of Cuba, but did not specify that the independence of the then existing paper republic should be recognized. This omission was secured in the face of desmembers of the republican party. The

by everybody. Then followed the breaking off of diplomatic relations between Spain and the United States Congress at once took up the business of authorizing a volunteer army and providing for the reorganization of the regular army and for an increase in its number from 25,000 to 62,000. It gave the President all necessary authority to General Toral, at the head of the San- raise an army of any size and then protiago forces, refused absolutely to sur- ceeded to enact war revenue measures render the city, and bombardment began providing the necessary means for carryover the hills from the squadron lying off which will, according to late estimates, Aguaderos, which was very effective. It yield \$200,000,000 a year. The secretary was thought best not to ettempt the en_ of the treasury was given authority to trance of the harbor and thus endanger issue three per cent bonds to the extent the safety of the squadron, every vessel of \$400,000,000 and to borrow short-time which is needed. The army also attacked money for emergency up to \$100,000,000. the city on the land side, and the attack Direct appropriation of money for war was renewed Monday morning. The purposes was made amounting to \$361,-Spanish response was very weak and it 000,000. Indirect appropriation for war has been feared that they may be leav- purposes will carry the total up to nearly maining to make a show of resistance. In 000,000 were made for ordinary purposes, some of the Spanish trenches were found and the total expenditures authorized at

wisdom of this omission is now recognized

Another important matter passed upor leaving only the wounded and helpless to There have been many attempts to get be a burden upon the Americans. The such a measure passed, and its success this year is regarded with general satis-

> A piece of legislation quite different in character from the war measures cited above was the resolution passed in the closing hours of the session for the annexation of Hawaii. The annexation of Hawaii has been the subject of much discussion and has occupied the attention of other congresses previous to this one. Hawaii has been a "willin' Barkis" for several years, and her long waiting is at length rewarded. A commission of five will draft a form of government for the islands. President Dole will probable be the first governor and doubtless none of the present officers of the Hawaiian administration will be displaced. The customs laws of the islands are to remain in force toward this and other countries until replaced with new ones by congress, and while thus in force, the local government is to pay the interest on the public debt of the islands, the princiislands will doubtless be made a headquarters for troops, and will form a very convenient rendezvous in the operations in the Philippines.

timber trees, the forest area will be con- granted until communication with Madrid are distressing stories of brutality and instructions in this regard. If American sidered anything but waste land. Some might be had. The Americans have even murder in the struggle for life which shippers would do likewise and adapt of the rough land also ought to be used offered to transport the Spanish troops to took place in the short time intervening their products to the native requirements who went down with the vessel, was in- else in their favor. The continued defeat of the Spanish jured in the collision and did not realize

Another disaster at sea, fortunately

brought to this office recently a handsome specimen of white winter wheat grown growing ought to pay in Massachusetts.

-Five hundred thousand letters were St. Louis and sent to the Boston post of fice for distribution.





Washington News.

With the attention which is centering

in Cuba and Porto Rico at the present time, and the general belief that when peace is declared and Cuba free from Spanish domination, there will be a rush of Americans to those islands, any word concerning the conditions in any of the West Indian group attracts general interest. In this connection reports from Haytl indicating the failure of American products to compete successfully with those of European countries, not through their inferiority, but through carelessness of American shippers, shows the importance of using judgment and energy in developing and holding our foreign trade in these countries as well as elsewhere. Our minister to Hayti recommends that American manufacturers should send to the island agents who understand the French language, to study the tastes of the people, their favorite colors, likes and dislikes, and that they should then cater to the trade by manufacturing and preparing the things the people desire. These details, small as they seem, are what constitute the difference between getting their trade and holding it, and allowing it to slip into the hands of those manufacturers who do pay attention to these points. Hayti's importations of potatoes serve as an instance of this. The potatoes raised on the island are small and inferior, and for many years American potatoes were the only ones imported. Requests were repeatedly made to American shippers to send their potatoes in small packages in the place of bags and barrels. No attention was paid to the complaints, and French merchants, seeing the opportunity, sent potatoes in crates, by way of experiment. They were readily accepted by the native buyers, until now they have driven the American potato out of the market. American butter has run the same course in Hayti, having been supplanted by Danish butter, which is shipped in a form to exactly suit the Haytians. Especially in all South and Central American countries, must our shippers conform to the requirements of the countries whose trade they desire. Their people are different from those in the Un'ted States, their climate is different, their means of transports tion are different, and it is not to be expected that products which will sell satisfactorily here, will be suitable to the different conditions of those countries. In most cases the means of communication between the coasts and the interiors of those countries are meagre, the roads poor and very mountainous and the donkey or burro the almost exclusive means of transportation; consequently small packages are a necessity. Several years ago I made a trip across Nicaragua, starting from Bluefields, which is near the Atlantic terminus of the Nicaragua Canal, which is to be built. I made the first fifty miles in a canoe and carried my belongings in two good sized air tight chests which I had made specially for the pal of the debt, not to exceed \$4,000,000, purpose. When I came to the land part of my journey, I had to throw my fine small saddle trunks which could be swung across the shoulders of donkeys. The traveller or the shipper must adapt his methods to the institutions of the countries he would enter. European mer As further particulars come in of the chants pay great attention to these desteamship disaster off Sable Island, there tails and closely follow their agents between the collision and the sinking of many of those markets could be conthe steamer Bourgogne. The captain, trolled by them, as they have everything

CROPS FURNISHING HONEY. The Assistant Entomologist of the Agricultural Department, in a treatise on bee-keeping says on the subject of planting special crops for honey, that probatowns and cities are filled with people it may be obtained on what shall appear in command lost control and all discipline bly no case exists in which planting for honey alone would prove profitable. sible. will pay fair prices for produce if they the influential papers recognize that the ment seems to be borne out by the fact When, however, selecting crops for cultivation for other purposes, or shrubs or trees for planting, the bee-keeper should of water. the land, although not the best, is by no not long resist a formidable attack; that, the crew seized the boats and beat off of course choose such as will also furnish honey at a time when pasturage for his and fine crops when worked by the right puted command of the sea, Spain cannot crew say in self defense that it was some bees would otherwise be wanting. If man, and such a man can make a good assist her colonies in their efforts against steerage passengers who showed such gaps appear during which no natural fora powerful invader and that she will ob- brutality and that they themselves were age abounds for the bees, some crop can tain better conditions now than when her unable to free some of the boats for use usually be selected which will fill the A RIDE through the centre of the state powers of existence are completely ex- because the passengers crowded into them interval, and, while supplying a continuand up across Vermont, New Hampshire hausted. On the other hand, the military in such numbers. It is certain, however, ous succession of honey yielding blosand Maine certainly does not give the im- party are urgent for continuing the war that the instinct of self preservation was some for the bees, will give in audition pression that the forests are disappearing. and resisting to the uttermost. On Tues- abnormally developed in certain of the a yield of fruit, grain or forage from 000 to charity. In fact, the railroad appears to be going day, Senor Sagasta again tendered his survivors, and that if ordinary coolness the land. It must be remembered, howthrough the forest a greater part of the resignation, and that of the cabinet, and and courage had been shown, the list of ever, that the bee usually goes from two in caring for the sick and wounded has stand in: to three miles in all directions from the aplary so that he covers a range of as sands of acres of former pasture and tilsands of acres of foot in a hundred producing a honey high as 200,000. young forest growth. Much of this land struction of the cabinet, it is not yet New York for Jacksonville. All on board yielding plant, he would still have 180 acres of pasturage and perhaps the equivations on the New Jersey coast, the condi- lent of fifty acres of solid bloom. In the wise conclusion that it is better to let of opinion as to a peace policy. It is be- tions being very favorable for such such a time a few acres, more or less, will not make a difference. However, with these few acres coming in between the A. N. Reynolds of Westwood, Mass., principal honey crops, they may be of pines has been renewed. much greater relative importance than when considered against the larger acreby him, his two acres yielding forty-five age of natural pasturage; for it frequently awarded here this month. bushels to the acre. At this rate, wheat occurs that the larger part of the Money produced in the field over which the bees range is washed out by rains or evaporated invite Spain she will yield. and lost to the bees before it can be collected, while with a smaller area the nectar would be gathered as fast as secreted and a greater yield of honey per acre result.

There are many plants and trees of economic value in addition to their honey production which can be utilized in one portion or another of the United States.

The following list with notes is furnished by the Agricultural Department and may be of service to bee-keepers; or those intending to become such. A particular study should be made of the periods of and solution in vite Spain she will yield.

—Sir Walter Besant says that an Anglo-American alliance is necessary to the safety of the United States.

—Twelve out of fourteen Government country of Middlesex, on the sixth day of September A.D. 1898, at nine o'clock in the forenow, to show cause, if any they have, why the same should not be granted.

And said Court, a petition praying that his name may be changed to that of Arthur Herbert McIntosh for the reasons therein set forth. All persons are hereby clied to appear at a Probate Court, to be held at Cambridge, in said County, as presented to said Court, a petition praying that his name may be changed to that of Arthur Herbert McIntosh for the reasons therein set forth. All persons are hereby clied to appear at a Probate Court, to be held at Cambridge, in said Court, a petition praying that his name may be changed to that of Arthur Herbert McIntosh Gourt of the United States.

—General Weyler may be arrested for criticising the Spanish military operations in Cuba and the Philippines.

—A. C. Williams the convicted murder-er of John Gallo at Lynnfield has been sentenced at Salem to be hung on Oct. 7.

8. H. Folsom, Register. brought from the army at Santiago by the lected, while with a smaller area the nectar

flowering, the idea being in planting for continuous honey season for the bees.

Filbert Bushes, useful for wind-breaks and for their nuts, yield pollen in February and March.

Rape can be grown successfully in the North for pasturage, for green manuring or for seed. Yields considerable pollen and honey when in bloom. Winter varieties are sown late in summer or early in autumn and bossom in April and May following. This early yield forms an excellent stimulus in brood rearing. Summer or bird rape, grown chiefly for formal overtures for peace through the its seed blossoms about a month after British ambassador at Madrid is denied in sowing.

Fruit Blossoms, apricot, peach, pear, dance in April and May. The raspberry seventy-eight years. is later and is very rich in nectar. Grape and persimmon blossom in June.

Locust, tulip-tree and chestnut, useful for shade, ornament and timber are all fine honey producers in May.

All make excellent honey.

Mustard grown for seed flowers from June to August. The honey is somewhat acid, yet the plant where abundant is important to beekeepers in case other forage is scant at the time.

by bees in June and July.

honey in June and July. Chestnut, valuable for timber and nuts,

yields honey in June and July. Linden, sourwood and catalpa, are shade,

good honey in June and July.

August. Alfalfa furnishes in the west a large nount of fine honey during June and Parsnips, when left for seed, blossom

much visited by bees. Peppermint, when it blossoms is eagerly

August. Bokhara or sweet clover is in some sections considered a valuable forage crop, though its good qualities are not well

known as animals do not take kindly to it at first. It is valuable as a soil restorer; tion in Girls' Schools. New York: D. Applestands drouth well and yields fine honey, ton and Company. Fifty cents a number; \$5 a ssoming in June and July. Cucumbers, squash, pumpkins and melons

furnish honey in July and August. Sacaline, a forage crop of recent introduction, is a great favorite with bees.

blossoming freely during August. Buckwheat is an important honey and pollen producer. Its blossoms appear about a month after sowing; hence it may Philip's life was spent. It is therefore, most A. D. 1898, at nine o'clock in be utilized to fill in a dearth of summer honey plants. GUY E. MITCHELL.

Read and Run.

-Another cut has been made in hard

-The price of hemp has been nearly

-The government wants 40,000 horses for war service.

- A new daily paper in New York is printed in Arabic.

-A Spanish privateer has been reported off the coast of British Columbia.

-Camara's fleet has re-entered the Sue: Canal on the way back to Spain.

-Nebraska's wheat crop will be one

the greatest in the State's history. -Dry weather has nearly destroyed

California's grape crop in some sections. -Nothing has been done as yet about Mrs. Landers, two familiar American types, moving the mines from Boston harbor. -Our exports to Bombay are so large that a steamship line is talked of.

-A regiment from the Presidio, Cal., is knows his New England as Blackmore knows to be stationed at Hawaii as soon as pos- Devon. "Ragged Lady" will run in the BAZAR

-Placer miners of Northern California have been compelled to stop work for lack

-The superior court has decided that towns have no authority to establish curfew laws. -Five steamships have been engaged

to Manila. —The will of the late Solomon Mead of at 29 Pemberton square.

Greenwich, Ct., bequeaths nearly \$500,--An army and navy league, to assist

been organized. -Estimates as to the necessary strength

-Twelve Fall River mills have started up after a nine days' shut down; the Slade mills remain closed.

-The report that Germany intends to establish a coaling station in the Philip--One hundred bids are already in for

the government shoe contract to be -The Spanish ambassador at Rome in-

study should be made of the periods of sentenced at Salem to be hung on Oct. 7.

-A census of the State's prison populahoney yield, to fill in all gaps and make a tion shows a slight increase in the number of women and decrease in the number of

> -Formal charges of wholesale peculation have been made against Primo de Rivera, the former governor general of the Philippines.

-The suggestion has been made that the rendezvous for Manilla expeditions be transferred from San Francisco to Honolulu. -The report that Spain has made in

London. -Rear Admiral Ammen, one of the

plum, cherry, apple, currant and goose- heroes of the civil war, died recently at berry, yield pollen and honey in abun-the Naval hospital, Washington, aged

Literary Notes.

In view of the strong tendency which is be ing manifested in the United States toward Clovers .- Crimson blossoms in April or colonial expansion, the leading article in Ap-May; white, alsike, and mammoth or PLETONS' POPULAR SCIENCE MONTHLY for edium blossoms in May, June and July. July is of special interest. It is the first of a series by James Collier, on the Evolution of Colonies, and deals with their genesis. Weather Forecasts is the title of a very instructive paper describing the methods and apparatus in use by the United States Weather Bureau. The article is profusely illustrated. Professor Henderson's second chapter deals with The Asparagus blossoms are much wanted Methods of Manual Training. W. E. Cram, the naturalist artist, contributes an attractive Serradella is an annual leguminous article entitled Woodpeckers and Their Ways. plant yielding good forage and good The illustrations are made from original drawings by the author. Saber-toothed Cats, by S. W. Williston, the paleontologist, describes one of the most interesting of the fossil Felidæ. The article is accompanied by a cut embodying the probable characteristics of the genuornamental and timber trees, yielding Worthington C. Ford's third chapter, in the series entitled The Question of Wheat, deals Chicory, raised for salad and for its with Russia, which, as probably our chief comroots, whenever permitted to blossom is petitor in wheat growing, deserves our careful eagerly visited for honey in July and attention and study. Under the title Eye Language, Dr. Louis Robinson contributes an essay calling attention to the wonderful ability of expression which the human eye posseses The Hon. David A. Wells (Chapter XVIII, continued) further discusses the important question of Income Taxation. Gerarde and from June to August inclusive and are the Gerardias is the title of a brief account,

both botanical and biographical, of a famous fourteenth-century botanist, John Gerarde, M. sought for its honey during July and Camille Mellinand is the author of a paper which discusses the Psychological Cause of Laughter. The Sketch this month is of Maria Agnesi, a famous Italian mathematician of the eighteenth century. M. Jacques Boyer is the author. The titles in the Editor's Table are Science and its Critics and Scientific Instruc-The Old South Historical Society of Boston have established the custom of making annual pilgrimages to points of historical interest, and the destination chosen for their third annual

excursion of this nature, occurring the last of June, is the King Philip Country. This includes the land in the immediate vicinity of Mt. Hope, Rhode Island where the most of appropriate that in the July number of the NEW ENGLAND MAGAZINE there should appear a description of "The King Philip Country," by William Adams Slade. Mr. Slade, in making a careful study of the region, has followed up all traditions and historical associations of that neighborhood, and his article is a valuable addition to the history of the period of King Philip's War. "The history of these aboriginal inhabitants of the land," says Mr. Slade, "is pathetically attractive, for in it is chieftain, the hero of that terrible war which bears his name, is now justly considered as the patriotic defender of his people, his land and his religion against the encroachments of the white man." The principal places associated with Philip's name, and many memorials of him which still exist are pictured on the pages of the article. Warren F. Kellogg, 5 Park

Square, Boston, Mass. The issue of HARPER'S BAZAR for July 2 is an important one in that it contains the opening chapter of Mr. Howells's new novel, entitled "Ragged Lady." Mr. Howells lavs his first scene among the mountains of New England, and introduces us at once to Mr. and with whom a closer acquaintance promises to be most interesting. There is no denying the exquisite art of his method, even by the adverse critics of Mr. Howells's literary theory, and he during the remainder of the year, and impart a high literary value to the pages of this popular

BOARD OF POLICE Licenses for Hackney Carriages, Cabs, Coupes,

Job Wagons and other licensed vehicles expire on the thirtieth of June, and neglect to make applications to have them renewed may cause the to take the fourth expedition of 4500 men licensees to forfait locations now occupied by Applications for carriage licenses can be made

Applications for wagon licenses can be made at the station houses on the several police divisions where the applicants desire to do business.

Licenses will not be granted for wagons to Adams square Avon street, Brattle street, Co-nhill street, Court street (east of Scollay

summer street (west of Devonshire Temple place. Tremont street (north of Pleas ant street), Washington street (north of Dover street. West street, nor in any public street or square where, in the judgment of the Board, the granting of such licenses would impede

THOMAS RYAN, Clerk.

LEGAL NOTICES.

Commonwealth of Massachusetts.

timates that if all the European Powers MIDDLESEX, SS. PROBATE COURT. WHEREAS, ARTHUR HERBERT CARTER,

LEGAL NOTICES

Commonwealth of Massachusetts

MIDDLESEX, 88.
PROBATE COURT. To the heirs-at-law, next of kin. all other persons interested in ELLEN A. BATCHELDER late WHEREAS, a petition has a W said Court to grant a letter tion on the estate of said deceased baker, of Wayland, in the County without giving a surety on her bon You are hereby cited to appear Court to be held at Cambridge in s Middlease

the Massachusetts Plough published in Boston, the last one day, at least, before said Witness, CHARLES J. Mcl

S. H. FOLSOM, Register

Commonwealth of Massachusetts

MIDDLESEX, 88.
PROBATE COURT To the heirs-at-law, next of kin, persons interested in the estate late of Sudbury, in said County WHEREAS, a certain instrum to be the last will and test decessed heat here. deceased has been presented to s probate, by Alfred 8. Hudson an Walker, who pray that letter, may be issued to them, the ex-named, without giving a surety of

Court to be held at Cambridge, in said and Middlesex, on the twenty-sixth da A. D. 1898, at nine o'clock in the to show cause, if any you have, why should not be granted.

And said petitioners are hereby direpublic notice thereof by publishing the once in each week, for three successive the Massachusetts Ploughman, a published in Boston, the last public

seven days at least before said Court.
Witness, CHARLES J. MCINTIRE. Judge of said Court, this thirtieth day in the year one thousand eight hu

S. H. FOLSOM, Registe

Commonwealth of Massachusetts.

MIDDLESEX, 88.
PROBATE COURT. WHEREAS, LOUIS DINSMORE HOLMAN WHEREAS. LOUIS DINSMORE HOLD of Framingham, in said County, by Forbes his next friend, has presented a Court, a petition praying that his name in changed to that of Louis Dinsmore Healer for the reasons therein set forth. All persons are hereby cited to appear Probate Court, to be held at Cambridge. it County of Middlesex, on the twenty-sixth July A. D. 1898, at nine o'clock in the fort to show cause, if any they have, why the should not be granted.

And said petitioner is hereby directed a public notice thereof, by publishing this cited.

once in each week, for MASSACHUSETTS PLOUGHMAN.

S. H. FOLSOM, Register

Commonwealth of Massachusetts.

MIDDLESEX, SS.
PROBATE COURT. To the heirs-at law, next all other persons interested in the CHARLOTTE C. WHITNEY, lat

it any you have, why show cause, if any should not be grante And the petitioner is hereuy uncombined and the petitioner is hereuy public notice thereof, by publishing this once in each week, for three successive in the MASSACHUSETTS PLOUGHMAN published in Boston, the last published in Boston and Country and Coun

paper published in Boston, the last published to be one day, at least, before said Court.
Witness. CHARLES J. McINTIRE, Esqui Judge of said Court. this twenty fourth day June, in the year one thousand eight hundreds by the court of the cou

Commonwealth of Massachusetts.

PROBATE COURT. To the heirs at law, next of kin. all other persons interested in the ESTUS MILTON LINCOLN, late of

wille, in said County, deceased, intests

WHEREAS, a petition has been properties of a local to the state of said deceased to the state of said deceased to the said seems of Middlesex, on the nineteenth day of Ju 1898, at nine o'clock in the forencon. cause, if any you have, why the same sh

And the petitioner is hereby directed to give public notice thereof, by publishing this citation once in each week, for three successive weeks, in the MASSACHUSETTS PLOUGHMAN, a new-paper published in Boston, the last publication paper published in Boston, the last publication to be one day, at least, before said Court. Witness, CHARLES J. McINTIRE, Esquire, Judge of said Court, this twenty eighth day of June, in the year one thousand eight hundred and

Commonwealth of Massachusetts. PROBATE COURT

To the heirs-at-law and all other persons interested in the estate of FRANCIS S. NOWELL, ested in the estate of said count late of Cambridge, in said count WHEREAS, Waiter F Little trator of the estate of said presented to said Court his petitional said in accordance presented to said Court his petition sell at private sale in accordance named in said petition, or upon may be adjudged best the whole parcel of the real estate of said depayment of debts, and charges of and for othes reasons set fourth in You are hereby cited to appear Court to be held at Lowell, in on the nineteenth day of July, Anine o'clock in the forenoon, to any you have, why the same granted.

And said petitioner is ordered

granted.

And said petitioner is ordered citation by delivering a copy the person interested in the estate four least, before said Court, or by same once in each week for the weeks in the Massachusetts Puewspaper published i. Boston, the company of the said newspaper published i. Boston, the tion to be one day, at least, before Witness, CHARLES J. McINT! udge of said court, this twenty-

S. H. FOLSOM, Register

Commonwealth of Massachusetts.

MIDDLESEX, 88.
PROBATE COURT. To the heirs-at-law, next of kin, and persons interested in the estate of P. BROOKS, late of Somerville, in said

deceased.

WHERBAS a certain instruction to be the last will and te deceased has been presented to probate by Ina C. Brooks, who itstamentary may be issued to he to be the control of the probate by Ina C. Brooks, who prays't testamentary may be issued to her the therein named, without giving a sure official bond.

You are hereby cited to appear at a Court to be held at Lowell. In said Middlesex, on the nineteenth day of 1898, at nine o'clock in the forenoon cause, if any you have, why the same se granted.

cause, it any you have, why the be granted.

And said petitioner is hereby directed public notice thereof, by publishing this once in each week, for three successive in the MASSACHUSETTS FLOCHMAN, paper published in Boston, the last pul to be one day, at least, before said to by mailing, post-paid, or delivering a cop citation to all known persons interested estate, seven days at least before said Court, this typical with the said Court, this typical the said Court, this typical the public and ninety-eight.

8. H. Folsom, Re

See our Special Offer on

8. H. Folsom, Register. the sixth page.

Flour and Grain.

Fresh and Shell Fish.

The Wool Market.

Our Foreign Commerce.

Flour.—The market continues steady

MARKETS. ROSTON LIVE STOCK MARKET.

ts.

tate of ton, in

nted to inistra-silie E. idlesex,

ister.

FARR
sed.
porting
of said
rt for
cis F.

to give sitation eks, in spaper to be y mail-s cita-sestate

LMAN, Ira B.

to said bay be folman

same

rs and tate of Bomer-

o give citation weeks, news-lication

other PHEN ounty.

on

ts.

Cattle via West 1-Sc and 1-4c higher. - Sheep steady.-Market easier by 1-8e D W on country hogs.—The calf market unchanged Movement in Milch Cows fair. - Good Horses as high west as here.

Reported for Mass. Ploughman. Week ending July 13, 1898. Amount of Stock at Market. Cattle. Sheep. Shotes. Hogs. Veals

This week. 4,278 6,330 108 19,772 1,748 (124) Week. 2,238 10,916 97 23,756 1,010 (124) (12 Horses 345 CATTLE AND SHEEP FROM SEVERAL STATES

4,278 6,330 Cattle. Sheep. Cattle. 1
Puchburk 2,529 5,527 Eastern.... 179
Lowell...... 43 83 B. & M......
B. & A...... 1,447 790 Foot & boats, 80 Cattle. Sheep

Total......4,278 6,330 Values on Northern Cattle, etc. Seef.—Per hundred pounds on total weight of hide, tallow and meat, extra, \$5 25 \$6 00; first quality, \$4 75 \$6 00; second quality, \$4 25 \$4 50; hird quality, \$3 75 \$64 00; a few choice single airs, \$6 25 \$66 75; some of the poorest, bulls,

Working Ozen.—\$60@130; handy steers, \$50 g100, or much according to their value for beef. Cows and Young Calves.—Fair quality, \$20@ 88; extra, \$40@48; fancy milch cows, \$50@60; arow and dry, \$12@24. Thin young cattle for farmers: year-18, two-year-olds, \$12@28; three-yearelds, \$20,638.
Sheep.—Per pound, live weight; 3½,63c; extra, \$4,84%; sheep and lambs par head, in lots \$3,50,886 00; lambs, 4½,65½ c.

Veal Calves. -3@5% c P B. Hides. - Brighton, 71/2 @7% c Ph; country lots Calf Skins. -70c@\$1 40. Dairy skins 35c to Tallow.—Brighton, 3@31/4c P to; country lots Pelts. - 5@ 40c each; country lots, 5@40c.

ARRIVALS AT THE DIFFERENT VARDS. CATTLE, SHEEP, HOGS, VEALS, HORSES

Il line of beef cattle again appear this or home and the export business. The after the holiday week seemed in better Eastern dealers last week did not show upply of cattle this week was about

Cattle, Shee Maine. At Brighton Canada At Watertown J A Hatha-27 J Gould Western At Brighton. A Davis & Co 240 8 S Learned Sturtevant & Haley Morris Beef Vermont. At Watertown. 80 699 Swift Beef A Pond W Ricker & & Co. 646 480 Co 646 480 At Watertown, G A Sawyer 36 Western 1161 5520 J A Hatha-way 760 10

Hogs. Calves. Hogs. Calves A A Pond.

25 & Co

13 W Ricker

& Co

56 P S Atwood

Fred Savage

38 H N Jenne

25 M G Flanders

60 B M Ricker

S M Fint

75 W A Farnham

Scattering 125 15 At Brighton J 8 Henry 1 R Connor Scattering.... John Goodnow

> Export Traffic lies of state cattle have not yet glish ports and on that account the gher, 11¼ to 12c sinking the offal 12c at London, and 11¼@11½c The demand is fairly good and able to hold good another week. or the week 4392 cattle, 1385

horses.

Ind destinations—On steamer Michpool 350 cattle by Morris Beef Co., 42 Canada cattle 646 state and 188
J A Hathaway, and 71 Can. cattle On steamer Victorian for Liverpool Switt Beef Co and 35 horses. On with Beef Co. 375 cattle by 0, 601 sheep by Swift Beef Co. On steamer Victorian for London 322 cattle by Morian for London 322 cattle by Morial for London 322 cattle by Morial Golden Co. On steam-144 cattle by Morris Beef Co., 405
Co. On steamer Kanans 515 cattle of Co., 185 by J A Hathaway, 80 by steamer Peruarian for Glasgow 300 Hathaway.

Horse Business.

those business.

Incomplete the sale stables. The light for changed hands at steady prices light supply and limited demand.

In the sale stable a weak devalue of complete the stable a weak devalue of complete the stable and sold out close at fair price by freight one by express, sales of the sale stable sale stable and sold out close at fair price out the sale stable sale stable pair of drivers.

Davis, Northampton St sale good high stepping horses for fiving. Sold speed, drive, coach is horses at \$100,8450. At R is stable selling heavy horses at \$100,8450, horses for fiving and chunks at 100,8175. rivers and chunks at 100@\$175.

Union Yards, Watertown.

Tuesday, July 12, 1898. cattle from the west were handof the no horn kind choice as to
rrivals this week cost % 2% 6%
week which corresponds with
h- English cattle market City
eir usual number and such as
orth were taken without much
owners realized full as much

do of 1500 hs at 544c; 23 do of 1475 hs at 5c: 30 do of 1460 hs at 4%c; 40 do of 1450 hs at Maine Cattle, Beef and Store

Maine Cattle. Beef and Store

The Eastern train was composed of 13 car
loads. Reporters advice was taken and they did
not double up, from the fact that their train did
not run Fourth of July week. With what arrived
there were fall disposals and a fair movement in
store cattle, suchias milch cows, etc. Speculators
were at the yards and r-ady to invest, and of
course the highest bidder had the stock. Eastern
dealers for a charge last week made the most of
their time haying, and celebrated that way.
Libby Bros. secured 75 tons in best condition and
other Maine cattle dealers could record as favorable results,

Limited arrivals. Butchers are not disposed to order from the west more than they think they can handle and some of the sheep butchers say that at present prices there is no money in them The few offerings from the north found a ready sale. W F Wallace sold 69 hs lamb at 6½c. F is Atwood sold 69 h sheep at 3c. J S Henry sold 60 h yearling at 5c.

Milch Cows and Springers. The eastern train was early at the Brighton yards and had on a good variety of milch cows, and business was in better shape than last week. Sales somewhat quicker and prices rule steady en all grades. Common cows at \$20(\$338, extra cows \$40(\$348, tancy cows \$60(\$360, thouse cows at \$45 each, 4 extra cows at \$45 each, Libby Bros sold milch cows from \$30(\$355. HM Lowe sold 4 milch cows \$45 each, F W Wormwell 1 springer \$35. G H McKenney 3 springers \$38 a head.

Venl Calves. Demand considered good and prices well sus ained. For corresponding qualities steady prices tained. For corresponding qualities steady prices obtained.

H M Lowe 58 calves, 120 hs at 5½c. Thompson & Hanson 47 calves 136 hs at 5½c. M D Holt 22 calves 115 hs at 5½c. Wardwell & McIntire 35 calves 140 hs at 5½c. F W Wormwell 10 calves 110 hs at 5½c. G H McKenney 25 calves (some small size) av 123 hs at 5½c.

Easier rates west or a fluctuation in prices; we do not expect lower rates and $3\%@4\%_4$ c, I. W would appear to be the bottom. Country hogs at 4%e B W. Aspara_us Native, \$\frac{1}{2}\$

Live Poultry.

The amount of 3½ tons on sale, Cost 9@10c r mixed lots. Boston & Albany Yards, Brighton. WESTERN BEEVES.
PRICES IS CWT. ON THE LIVE WEIGHT. Fat Hogs.—Per pound c, live weight Choice \$5.000 50 0000 \$5.00

> Brighton, Tuesday and Wednesday. July 12 and 13.
>
> 1489 head of western cattle, 179 from the East and 122 from Massachusetts. The western cost from ½@¼c higher landed here. Butchers had their usual complement for Boston trade but did not feel disposed to buy only in a light way as prices were. Western steers at a cost of 4¼@ 5¼c per fb L W. Beef cows at 3@3½c. Bulls 2½@3¼c as to quality not as many for beef from Mass, as usual. Demand for common cattle quite good. July 12 and 13.

Eate Arrivals and Sales.

Brighton on Wednesday— The movement in mileh cows could be improved. It was a rainy day but for all that a good attendance; farmers could not make hay and therefore came to market. Mileh cows selling at steady prices for the most part, from \$20@\$80, including choice lots.

Wardwell & McIntire sold 5 extra Holstein mileh cows at \$45 a head; springers at \$35@\$45.

Libby Bros sold a lot of 4 cows \$100, 3 choice cows \$55 each, and cows \$30@\$40. Fw Wormwell sold 8 springers at \$37 each. G H McKenney 8 cows at \$36 exerage price. H M Lowe sold 8 cows \$30@\$45. M D Holt 17 cows \$25@\$45. R Conners 4 springers \$45. J S Henry 4 choice cows \$50@\$35. Extra cows \$40@\$45, common cows \$50@\$35. W F Wallace 20 cows \$350@\$55.

Store Pigs—Supply light and sales at \$1.50@\$2.50. Shotes \$3@\$5.50 a head.

Miscellaneous. Hides.-Brighton, 7427%c P lb; country Tallow.—Brighton, 3@31/2 P lb; country lots Calf Skins,-70@\$1.40. Boston Provision Market.

The pork market continues quiet, with prices inchanged
Hams are quiet, with lard firm.
Fork, long and short cuts \$\phi\$ bil, \$13@13 50.
Fork, light and heavy backs, \$12@13 00
Fork, lean ends, \$\pi\$ bil, \$13.
Tongues, best \$\pi\$ bil, \$23.
Tongues, pork, \$\pi\$ bil, \$10 50@11 50
Shoulders, corned and fresh, \$\pi\$ b 7c.

Poultry. Fresh Killed. There is a moderate supply and a little better market. Western fowls are selling at 9c. Broilers are in light supply and choice large are bring ing 13c. Old cocks quiet at about 5c. Eastern spring ducks have a slow sale, and rarely bring over 10c.

Boston Produce Market.

Northern and Kastern— Chickens, choice large, \$\Phi\$ is Chickens, common to good... Fowls, extra choice..... Fowls, extra choice
Fowls, common to good.
Chickens Phila, good to choice
Ducks, spring # fb.
Pigeons, tame # doz. 100
Western, iced—
Turkeys, hens.
Turkeys, toms
Brollers, good to choice # lb. 839 768 12313 Live Poultry.

Fowls are in light supply and good demand Spring chickens selling fairly at 10@12 as to size and condition. Butter. Receipts of strictly fine fresh creamery are running light and prices for such goods are on the upward turn again. The finest marks of Vt. and N. H. creamery are very firm at 17½c and some are holding still higher. Extra western is selling generally at 17c for either large or small tubs. Medium and low grades are in full supply and show no improvement in either demand or price. Box and print butter still in over supply. Note.—Assorted sizes quoted below include 20, 30, 50 lb. tubs only.

Vt. & N. H. assorted sizes...
Northern N. Y., assorted sizes
Northern N. Y., large tubs...
Western, asst. spruce tubs...
Western, large ash tubs.
Creamery, northern firsts...
Creamery, western firsts... N. Y. extra N. Y. and Vt. firsts N. Y. and Vt. seconds N. Y. and Vt. low grades Dairy, western. West. imitation creamery, small tubs. Extra dairy
Common to good
Trunk butter in 1/2 or 1/4 ib prints .15g .13g14 .171/218

Extra northern creamery... Extranorthern dalry...... Common to good...... Extra western creamery... 15@ 13@14 17@ Receipts are moderate but demand is light and sales have to be made in small lots to realize full quotations. The finest northern small sizes to 1040 lb cows at 3½c; 770 lb A Hathaway sold 20 steers of 25 do of 1525 lbs at 5½c; 20 moving slowly at 6½c. Best Ohlo flats moving slowly at 6½c.

Liverpool quot. white 36s. 6d. N. Y. & Vt., extra..... N. Y. & Vt., fair to good N. Y. & Vt., common.... New Cheese New York, small, extra p ib
infrat p ib
infrat p ib
infrat p ib
Vermont, small extra p ib
infrats p ib
seconds p ib Part skims of th.
Western twins, extra.
Bage cheese, extra, p i

New southern P bbl.

Cabbages in moderate supply and bringing full prices, Egyptian onlons plenty and most lots hard to sell at over \$2 25. Green peas in moderate supply, Marrow squashes steady, String beans more plenty and working downward. Mississippl tomatoes in steady demand at 65,675c, Choice Norfolk Acme in good demand and firm at \$2 50, Small sales of Russia turnips at \$2@ 2 25\$\text{\text{\text{\$\

Rhubarb, Chicago, \$\Phi\$ 50 lb.

String beans—
Native wax \$\Phi\$ bush
Native green \$\Pri\$ bush
Native green \$\Pri\$ bush
Baits wax \$\frac{1}{2}\$ bib basket.

Batts green \$\frac{1}{2}\$ bib basket.

Squash, Fla. marrow, \$\Pri\$ bib.

Spinach, native \$\Pri\$ bush.

Turnips, Jersey Russin, \$\Pri\$ bib.

Turnips, yellow \$\Pri\$ bib.

Turnips, St. Andrews, \$\Pri\$ bib.

Tomatoes, Norf. choice \$\Pri\$ carrier.

Tomatoes, Norf. com. to good.

Tomatoes, Miss. \$\Pri\$ case.

Southern green apples are in moderate supply and selling fairly at \$1@175 \(p \) \(\) bil, but there are not many good enough to bring the outside, Blackberries have a steady sale at 7@80 generally with a few of the best at 9e. Receipts of blueberries are light and choice dry berries bring full prices. Raspberries in full supply and a little easier. Most sales of York state at 3@3\forall center with a few of the best at 4e \(p \) cup. Cherries in moderate supply and steady. Currants selling fairly at former prices, Receipts of peaches are increasing. Prices are taking a wide range as to size and quality. The best large fruit is selling at \$2@250 with small and ordinary down to \$1@125 \(p \) carrier. Watermelons in full supply and moving slowly, most lots at \$18@22. Choice muskmelons in steady fair demand,

Norfolk green \$ 1/2 bbl..... 1 00@1 75 Blackberries-Blueberries-Cherries-Large dark, P per tb 628 Gooseberries-Muskmelons-North Carolina W bbl crate. Pineapples-Standard crates-Peacheschoice large free

Native P qt..... Md. and Del. P pint.... Hudson River P ½ cup Strawberries. Good to choice P qt. Watermelons-Georgia large Tallow. Rough, P b ... Hides and Pelts. Calfskins, 5 to 12 hs each overweights, each...
south, flint dried P i
salted P ib...
Deacon and dairy skins.....

Shearlings each..... Lambskins each spring. Freen peas, Western choice... Dried Apples. Demnnd is light and the small sales Grass Seeds.

complete. Beans. There is no change in the condition market. Receipts are light but demand is and sales have to be made at easy prices. Pea, N.Y. & Vt. small H. P.. Pea, marrow, choice, H. P.. ellow eyes, extra. Hay and Straw.

Trade continues slow and the market weak for lower and medium grades of hay. Fancy hay maintains a steady price, but the general de-mand is quiet. Bye straw is moving quietly, with prices about the same. Hay, prime, large bales. ay, No. 1, P ton....

Druggist for a generous 10 CENT TRIAL SIZE, ELY'S CREAM BALM ous drug.
It opens and cleans the
Nasal Passages, Allays
Pain ard Inflammation,
Heals and Protects the

ASK YOUR

excess of \$600,00,000, against \$764,730, 412 last year. This year our total Spring patents, 4 75@5 65
Spring, clear and straight. \$4 00@4 75
Winter, clear and straight. \$4 50@5 25
Winter patents, \$4 00@4 90
Oat Meal.—Quoted quiet, \$3 75@3 95 \$P bbl
or ground and rolled, and \$4 15@4 35 for cut exports will be practically double our imports, while last year they were less than 25 per cent greater than our imports. As above stated, one-half of Corn Meal.—The market is quiet at 77@79c p bag, and \$1 80@1 85 p bbl; granulated, \$2 15@2 35 p bbl; bolted \$2 20@2 35. our importations came from Europe. Our largest purchases during the year Graham Flour.—Trade continues quiet, with he market quoted at \$3 20@4 55 P bbl. were from the United Kingdom, which, Rye Flour.—The market is quoted at \$2 95@ as already indicated, was our largest customer, our total purchases in the

is as far reaching in its effects for good State grades, 6-rowed, 58@68c.
State, 2 rowed, 53c.
Western grades, 53@60c.
Barley—Quiet demand, with prices nominal at 50@58c, for No. 2 6-rowed State, and 42@45c for No. 22-rowed State.

is as far reaching in its effects for good or bad as the water supply. The importance of free access for the stock of an abundant allowance of pure and The market continues quiet, with prices steady Oysters in light demand. Lobsters very scarce, with clams steady. Masket cod, per B, 2@2½c; large, 3½g&c; steak 6@6½c; haddock, 3½g&c; haflbut, white, 13@14c; gray, 11@12c; East salmon, 20@21c; bluefish, 7@8c; cusk, 1@1½c; steak, 2@2½c; steak, 2@2½c; steak, 2@2½c; steak, 2%2½c; alewives, \$100@125 per 100 count; fresh mackerel, each 14@16c for large; butter fish, 10@11c; scup, 3@4c; oysters, Norfolk, standards, per gal, \$1; Prov River, \$1.25; Stamfords, fresh opened selects, \$1.25; shell, per bbl, 6.50; \$bus, \$1.75; Blue points, per bbl \$7.25; per bush \$2.50; lobsters, live, per lb, 15c; boiled, 17c; clams per gal, 50c. required in large quantities.

Next in importance to a generous supply is the temperature at which it is offered. If streams and ponds are depended upon, they are generally frozen, the water is ice cold and wholly unfitted to enter the animal stomach besides. Foreign Butter and Cheese Market. cattle and other stock will refrain from drinking it in required quantities, pre-

tinues very heavy and generally flue.

Cheese markets are somewhat steadler in tone but there is perfect absence of speculative buying, and with increasing receipts and large home make buyers hold back and refuse to freezes, becomes unpalatable and best supply any advance. Finest American and Canadian offering at 7:1-2 and 7:3-4. results are thereby defeated.

There are numerous ways for furnishing the water supply in a proper man-Reported by WENDELL P. YERRINTON, 6 Leather Sq. Boston.

There is little change in the market or outlock for wool. A little more inquiry is noticeable but the volume of business is not much greater than during the past few weeks. The demand for wools of the fine medium grades, continues from those who are employed on government contracts. Prices are unchanged.

'ye. Unwashed fleece 21 to 23c 44. 21 to 23c 20 to 21c 19 to 20c through pipes under ground from a There is not a country, indeed each stall has a constant supply of runscarcely a spot in the civilized portions nig water of about the same temperaof the globe which has not been a customer of the United States in the year paratus in the stables is so constructed just ended. From the United Kingdom as to allow each animal to drink at will, whose total purchases for the year are the excess passing off through an overnearly six hundred million dollars down flow pipe or controlled by check valves, to Paraguay with a total of less than no attention being needed to insure a ne thousand dollars, the continents, sufficient amount of water in the countries and the islands of the earth troughs or cups at all times. With have purchased of the plenteous sup- this arrangement, if the stable is suitplies which the United States has been a bly protected from outside cold, no able to offer to the world in this greatest year of her commerce. To the tacles were constantly filled. All build-United Kingdom the exports of the ings used for confining stock in winter eleven months were \$501,756,263, should be so constructed as to control gainst \$452,926,890 in the correspond- the temperature and with a circulation

many came next as a purchaser, our never to show a degree below fifty. Wind mills are used quite extensively total sales to that country being \$143-416,065, against \$116,881,478 last year. for affording the water supply in The next largest purchaser was France many localities and they answer the to which we exported \$87,012,841 in purpose well, both summer and winter; the eleven months of the year against far superior to the creeks, ponds and \$54,575,298 in the corresponding months stagmant streams which are liable to go of the preceding year. Next came dry. In winter when it is necessary to an ample supply of pure wholesome British North America with purchases store a quantity of water for future use water; his farm and buildings are inamounting to \$76,160,414 against only in tanks and reservoirs the objections to \$59,676,594; then Netherlands with its becoming chilled and frozen are over-\$59,733,226, against \$46,436,034 last come entirely by warming it artificially year; then Belgium with \$44,006,379, by means of a heater or furnace, which against \$30,469,416 last year; Italy, is submerged and will keep the water at that necessarily go with it.—Indiana \$21,849,377, against \$20,206,301 last any degree of temperature desired at a year; Mexico, \$19,804,687, against very trifling cost. These heaters are of \$21,396,395 last year; Japan, \$19,260,- various patterns and are all patented. 415, against \$12,466,433 last year; Those who have used them say they are British Australasia, \$14,213,606, against admirable for the purpose, easily man-\$16,197,092 last year; Brazil, \$12,694, aged, economical and indispensable to 163, against \$11,413,345 last year; the stock raisers who would gain the most benefits from his investment of Denmark, \$11,604,578, against \$9,627,-

\$12,216,080; Spain, \$10,193,809 against Another source of water supply, a \$10,208,637, and China, \$9,036,727, cheap one comparatively, not often Our purchases abroad, as already in-770,032, against \$679,547,391, and for CATARRH that can be employed, and if the cistern is properly constructed is most condu-

Corn.—Demand is quiet with market steady.
No 2 yellow, spot, 404c.
Steamer and No 3 corn, 394c.
No. 2 yellow 404c.
No. 3 yellow 404c.
No. 2 yellow 404c.
Oats.—Quiet but arm.
Clipped, hancy, spot, 34@344c.
No. 2 clipped, white @32c.
No. 3 clipped, white @32c.
No. 4 clipped, white @32c.
No. 5 clipped, white @32c.
No. 4 clipped, white @32c.
No. 5 clipped, white @32c.
No. 5 clipped, white @32c.
No. 6 clipped, white @32c.
No. 7 clipped, white @32c.
No. 8 clipped, white @32c.
No. 9 clipped, white @32c.
No. 1 clipped, white @32c.
No. 2 clipped, white @32c.
No. 2 clipped, white @32c.
No. 3 clipped, white @32c.
No. 3 clipped, white @32c.
No. 3 clipped, white @32c.
No. 2 clipped, white @32c.
No. 3 clipped, white @32c.
No. 2 clipped, white @32c.
No. 2 clipped, white @32c.
No. 3 clipped, white @32c.
No. 2 clipped, white @32c.
No. 2

with live stock and its management that an abundant allowance of pure and suitable water at all times and all seasons, is beyond calculation. Particularly does the condition apply in winter when the food is mostly of a dry character encouraging thirst, and water is

Cable advices of this date to George A. Cochrane from the principal markets of Great Britain give butter markets dull owing to liberal receipts of Continental, prices of which are the turn easier on finest. Danish selling at 18 1-2c. Canadian creameries 17 1-2 and 18 1-2c. Canadian creameries selling about the same as Irlsh. Little American creamery arriving and generally under finest. There continues to be a good demand for lower grades and anything under 15c is moving freely. Ladles 12 1-2 and 13 1-2c and imitations have brought 14 and 14 1-2c. The weather conditions all over Europe are favorable for the make, which continues very heavy and generally fine.

ner and progressive handlers of live stock are quick to take advantage of the means within reach for advancing their own interests by catering to the comfort and welfare of the animals at the barn. In many cases where circumstream or spring from which there is a natural fall to the buildings and is then introduced into the stables, and ing months of the preceding year. Ger- of pure air, the thermometer ought

047; British Africa, \$10,953,954, against capital, time and labor.

against \$10,981,919 last year, while used by farmers in general is the rainfall none of the other countries of the world upon the roofs of their buildings and reached the \$10,000,000 line in the which is collected in a cistern for future eleven months whose record is now use as required. In limestone countries, where the water from the wells is always "hard," unfit for washing and dicated, are much less than those of last objectionable for many culinary puryear, being for the eleven months \$563,- poses, cisterns at the house are common -almost universal-but it is the rare exthe full year likely to be but a trifle in ception to find one at the barn for the use of the stock and yet in the end, it is probably the cheapest source of supply that can be employed, and if the cistern cive to the thrift and health of the animals. This receptacle should be of ample dimensions, so as to be prepared dence. for a dry spell. The water, before its sanitary effects. A very simple and investment. perfect way to do this is to divide the cistern into two equal parts by a wall F. C. Pooler of Skowhegan, Maine, has reof brick, without motar or cement; cently purchased from Hood Farm, Lowell, Restores the Senses of Taste and Smell. It quickly absorbed. Gives relief at once. 50 ets at Druggists or by mail. Trial Size 19 ets. at ruggists or by mail. Trial Size 19 ets. at ruggists or by mail. ELY BROTHERS. M Warren Street, New York.

ELECTRICITY, The Family Doctor. WILLIAMS DIAL BATTERY

O KOY O KOY O KOY O KOY O KOY O

Will positively CURE

Rheumatism, Paralysis, Neuralgia, Nervousness, Sleeplessness, Dyspepsia, Pains in Back, Stiff Joints, and all Blood Troubles.

We sell the best ELECTRIC BATTERIES in the United States, at

\$5.00, \$8.00 and \$9.00.

We send large foot plate and Sponge Electrode FREE with Battery. Our Batteries are all Dry Celis. Our Book of Explanations showing how to operate Battery, for various diseases is sent with each Battery. We send C. O. D. Subject to full examination at your Express Office. Testimonials from Physicians and Customers mailed on application.

EF SEND FOR CATALOGUE.

TESTIMONIALS.

Among the many thousands of Testimonials we here print a few which come from Physicians and Customers. Our catalogue contains scores of letters of similar testimony that OUR ELECTRIC BATTERIES ARE WORTH THEIR WEIGHT IN GOLD TO THE AFFLICTED. Send for Catalogue. Our Batteries Superior to Others Costing Much Higher Prices.

Dear Sirs:—I have used the Battery myself and on others and have been well pleased with its effects. As a battery, it is superior to other makes even of higher price. I will do anything I can for you and wish you the greatest of success.

Very truly yours,

ALONZO LUNG.

St. Albans, Vt., June 17, 1890.

Dear Sirs:—The Williams Perfection Battery you sent me has arrived. Am well leased with the same.

Yours respectfully, C. C. LAWRENCE.

Paralysis, Rheumatism and Neuralgia Cured.

RLMHURST, NEW YORK,

Dear Sira:—I suffered terribly with Rheumatism and my wife with Neuralgia.

I bought your Battery and in six weeks' time we were both cured. We loaned the Battery to our neighbor, who was a sufferer with Paralysis resulting from an accident, and he was cured. I would not take \$50,00 for my Battery.

Yours, etc., M. R. SMITH.

Weak Back and Shoulders.

Pishkill, N. Y.

Dear Sirs:—I bought your Battery for weak back and shoulders. I found that it did me a deal of good, The Battery is all you claim for it.

Yours truly, LEWIS WAY.

UNITED STATES BATTERY AGENCY, 101 Beekman Street. NEW-YORK.

06406406464640646

rities are thus retained in the receiving section, and at proper intervals may be Spanish troops in the island under the cleansed of its foulness. In the light governor general of the Philippines, of these and similar things which might against 10,000 Americans. be mentioned, the farmer must see that not only are his financial interests at stake, but the thrift of the stock which is about the same thing, depending on DOSTON nishing good water on the farm will very soon be saved in cash, saying noth-

World Over.

-The Chinese rebellion is rapidly

-The British iron producers are feeling our competition. -Brazil's president will try to subsi

dize British ships. -Chile's business depression is caused by currency tinkering.

-The American shoe is bitterly opposed in Germany because of some shoddy

-Duchess D'Uzes and her son have been fined for driving automobiles too fast in -A revised list of those saved from La

Bourgogne shows that 164 were rescued

Country Real Estate.

A fourteen-acre farm in Pratt-town. Hill of Braintree, who buys for a resi

H. E. Salley has sold his eighteen-acre using should be filtered, thus adding to farm in Franklin, to Hardy George, for

Excursion Tickets

are now on sale to all principal points in New England, Canada and Maritime Provinces, The Adirondacks and the Seashore, Lake and Mountain Resorts.

Summer tour book giving complete list of tours, hotel and boarding house lists, valuable

maps, etc., will be mailed free together with a catalogue of thirteen illustrated descriptive pamphlets covering the various vacation sections of New England.

Address Passenger Department, B. & M. R. R., Boston.

For Tickets and information apply to City Ticket Office, 322 Washington St., Boston and at Union Station.

D. J. Flanders.

General Passenger and Ticket Agent.

THE HOUSEHOLD.

For the Mass. PLOUGHMAN.

GOING FISHING.

BY MABELLE P. CLAPP.

The sunbeams peep into the quaint little room Close under the caves; from the clover bloom In the dewy meadows, a wandering breezes Brings a fragrant greeting; the very trees Seem to quiver with joy, as curly-haired Ted Springs up with a shout from the low, white bed,

And is off for a day of fishing.

In an old straw hat with a flapping crown, Trousers rolled high, barefooted and brown, Across the meadows, breezy and wide, Down through the swamp on the other side, He follows the brook through the woodland

How still it grows as the noon hours come, Drowsily, droningly, wile bees hum, And the brook's low, musical laugh is heard Answering the call of a far-off bird, And Teddy stretched out on the grass below, Watches the treetops sway to and fro, And baif forgets his fishing.

When the slow sun sinks behind the hills, And a warm, damp fragrance the woodlan When the gray-robed shadows steal in and out

when the gray-robed shadows steal in and Among the trees, Ted turns about, Shoulders his pole, and trudges away Through the purple light, a-whistling gay, Well pleased with his day of fishing.

The moonbeams glide into the quaint litt Close under the eaves, and a faint perfume,

Dewy and fresh, from the world outside Drifts through the window thrown open wide And softly enfolding the low white bed In a mist of dreams, it brings to Ted Once more the joys of fishing.

West Roxbury.

THE CABIN BOY OF THE "AMITY."

"When there's no fear there's no danger," is an old adage, which, to my mind, in part accounts for the many daring feats performed both in war and peace by boys and very young men, and especially for the skillful and gallant action of James Wallis, ship-boy of the Amity cutter, in the year 1800.

This deed of James Wallis was so remarkable, all things considered, that it deserves that some attempt should be made to rescue it from the oblivion into which it has by now fallen.

Early in January, A. D. 1800, when England was at war with France, a pilot cutter, the Amity, of Benbridge, in the Isle of Wight, was cruising between that island and the English shore on the lookout for ships. It was hazy weather, and the wind was from the southeast. The crew of the Amity consisted of the master, three hands and a boy named James Wallis, all of Benbridge.

They were sailing along in perfect security, being so near the English coast, when all at once they made out a large cutter or chasse maree looming through the fog. The practiced eyes of the cutter's crew told them at once she was a Frenchman, and a privateer at that. And they well knew also that with the wind that was blowing, the lugger, with her large, square sails would come up to them hand over hand, and practically had them at her mercy.

The men were brave enough, but resistance was hopeless. So after a hurried consultation they resolved to escape a French prison by taking to the boat and rowing ashore, leaving the cutter to

her fate. James Wallis, who was known to his ship-mates as a stolid, good-natured, taciturn sort of boy, listened to the discussion in silence. But, like the parrot that would not learn to talk, he made up for his want of loquacity "by doing a heap of thinking."

That quiet boy, as after events proved. had an idea in his head, and a good one,

The boat was hauled alongside, the men jumped in, and called impatiently to the boy to follow them. To their utter amazement Wallis refused to go. They argued with him, pointed out the certainty of capture, the horrors of a French prison. They might as well have talked to a stone as to that stolid but gallant boy.
"I'll bide with the cutter, Cap'n," he

said. "You craft's lugger-rigged, an' if ye'd bide an' watch the chance ye'd wether her easy. Ah'll reesk it! But ah'll take it kind, Cap'n, if ye'll take charge of these few shillin's I hev an' give them to my feyther."

They tried again to change his purpose, but in vain. The lugger was now quite close, her great red sails standing stiff like a wall, and bringing her along as fast as a steam tug. There was no time to lose. The men cast off the painter and rowed away for their lives. They had hardly got away when the Frenchman ran up under the lee bow of the cutter and prepared to board

Then the clever idea which was in the young cabin boy's head when he refused to leave his craft came out, to the wrath and disgust of his would-be captors. He knew that in a cutter one has only to let go the jib sheet and fore sheet on one side and haul them in on the other if one wishes to tack; the wind does all the rest of the work. In a lugger on the other hand, the sail must be lowered on each tack and hoisted again on the other side of the

So just as the French got out their down, luffed her into the wind, and dress in hot weather. As here illus- iron on the wrong side, says the Ladies' went about. Now the privateer had trated plaid gingham is the material, a Home Journal. Mud will often leave a side, and it took him half a minute to trimming the yoke, epaulettes, neck set it again. In this half minute the and wrists. The skirt is deeply boy had got six or seven lengths away. hemmed, gathers at the top being joined The next fifteen minutes or so must to the square yoke in front and back, have been trying to the boy of sixteen, where the closing is made at the centre who had never heard a shot fired in an- with buttons and buttonholes. The ger before.

Almost upon him was the big priva- edged with embroidery. The moderteer, her deck black with men, whose ately full sleeves are gathered top and flerce, bearded faces and wild gesticula- bottom, deep cuff bands finishing the tions were distinctly visible to him, and wrists. Gathered epaulettes are artheir language was "excessive."

They called to him "to es-strike! to yoke. For play aprons this style made heav' to!" And it is recorded that one in gingham is unrivalled and, when debig Frenchman roared out, "Heav' to, veloped in white nainsook, cross-barred you leetle Anglesh reskal, or I vil feed muslin, dimity or lawn and trimmed

you for my soupaire!" on for my soupaire!"

Finding he kept on, notwithstanding enough for afternoon wear. The addithis blood curdling threat, they fired tion of a sash adds to the daintiness of their long gun and some twenty mus- this serviceable garment. To make this kets at him. But they were not good apron for a girl of six years will require marksmen. As soon as he found the three yards of thirty-six inch material.

about again. Again the Frenchmen girls of 2, 4, 6, 8 and 10 years of age. must lower and rehoist sail, thus losing With coupon, 10 cents another half minute, and again the blue smoke from the long gun rolled

over the bows. This time the round shot passed be tween the mast of the cutter and where Wallis stood at the helm, and the wind of it nearly knocked him down. Then came another volley of musketry, and the sea near the little craft boiled for a moment like a pot. But the lift of the Channel seas unsteadled their aim, and the boy kept on unharmed. Seventeen times he tacked, and gained a little by every board—the distance between pursuer and pursued being seldom mor than fifty or sixty yards. The Frenchmen fired again and again, but although they made his sail full of holes, they could neither hit the boy at the helm nor do any serious damage to the cutter's mast or hull. For two hours they kept up the chase-for two hours this brave and faithful lad stood within a hair's breadth of instant death. Then, finding he had gained three hundred yards, and was still gaining the privateer fired a last volley of musketry, and "sea-blessings" and bore away.

few miles north of Benbridge. The lesson to be learned from this front is made over a very stiff lining of stordy exhibition of nerve is the value of presence of mind and self-reliance. The men in the cutter knew just as well from freckles and tan. Picturesque as the boy did the advantage the cutter's bonnets in this style are made to match rig gave her in tacking. But Wallis re-membered at that critical time, and, afternoon walks in the country, for moreover, had the courage of his conviction. This is why I have endeavored to recall from almost forgotten records this true tale of the sea .- Reginald

AWFUL.

Gourlay, in Harper's Round Table.

There is a little maiden
Who has an awful time;
She has to hurry awfully
To get to school at nine.

She has an awful teacher: Her playmates all are awful rough When playing in the yard.

She has an awful kitty A dog who jumps upon her dress With awful muddy paws.

She has a baby sister With an awful little nose, With awful cunning dimples, And such awful little toes.

She has two little brothers, And they are awful boys; With their awful drums and trumpets They make an awful noise.

Do come, I pray thee, common sense, Come and this maid defend; Or else, I fear, her awful life Will have an awful end.

THE HOME CORNER.

FREE PATTERN.

By special arrangements with the BAZAR GLOVE-FITTING PATTERN CO,, we are able to supply our readers with the Bazar Glove Fitting Patterns at very low cost. It is acknowledged by every one that these patterns are the simplest, most economical and most reliable patterns published. Full directions accompany each pattern, and our lady readers have been invariably pleased with them in the past. The coupon below must accompany each order, otherwise the pattern will cost the full price.

MASS. PLOUGHMAN COUPON. * Cut this out, all in your name, address num . and that poplins, bengalines, epingles until twelve.

This plan g *THE HOME CORNER, MASS. PLOUGHMAN,*

BOSTON, MASS.

No. 7422-Child's Yoke Apron.

This simple apron, neat and protec-

neck is finished with a standing band

ranged to stand out in line from the

................

. with a tiny ruching, or frilling. Silkfavorite. for costumes, coats, jackets and capes, designed, finished and trimmed in regu-

failure.

mode of doing them.

particularly, should be put on any way

canvas, which holds it in shape away

from the face and protects the complexion

afternoon walks in the country, for

boating and picnic parties. For more

practical purposes, such as working in

the garden, gingham may be used. The

pattern comprises four portions; front,

crown, curtain and tie string, the ruch-

ing hemmed or lace edged and from two to three inches wide being laid in double

box plaits and stitched on in centre.

fashioned aun bonnet, this style has the

advantage of lighter weight and cool-

ness, the thin crown rising up from the

pattern, 7423, is cut in one size only. With coupon, ten cents.

Making tucks as a separate trimming

is one of the discoveries of this season

The long, round, deep flounce, follow-

stylish women will wear this summer.

very modish with blue jacket suits. Paris advices aver that the princess gown in woolen stuffs is much in vegue, but it has as yet obtained but scant recognition on this side of the water.

gray or rusty, brighten them by spong- to wear a company smile when she grappling irons to throw on board, the tive, can be made of any washable ing on the right side with equal parts of feels more inclined to yawn. lad rammed the cutter's helm hard fabric and worn to take the part of a alcohol and water, and, while damp, lowered his foresail as he came along- narrow edging of white embroidery stain, which may be removed with shapely one, but should be soft, white,

lugger gaining on him the boy went The pattern, 7422, is cut in sizes for naphtha after it has been allowed to be- and free from blemishes, says one of preserving, but the gist of them all is return; if it does the silk must be rea shady place, and iron on the wrong side, when nearly dry, with a moder-

> little easier during the hot weather, says the Michigan Farmer. She greatly improved in a month or two knows that she will have no more with the proper care. Rain water is than enough strength for the most considered best for washing them, but a essential duties, so she begins, immedito do occasionally, during that trying Sun bonnets have taken on a new aspect this season and are the latest head gear for the summer maidens who play golf and tennis. Quite fanciful and dainty they look made of sheer fabrics, vet cool.

book of menus adapted to the special borax and water, and keep a bottle of mustard seed tied in a piece of muslin. testes of her family and the conditions it on a shelf near the wash stand, you Cook slowly for one hour; then add of her home life, will prove a treasure will find it more convenient than using one and one-half cupfuls of cider vinewhen "it is actually too hot to think."

While quite as protective as the old of the dreaded season, and prevents her rose water and spirits of wine. head and the flaring front standing out from the face. To make this bonnet are too prevalent to merit description keep the hands in good condition. will require one and one-half yards of in a periodical like this where space is at

material thirty-six inches wide. The a premium. The wise housekeeper does a large part of her work very early in the morning. Much of her baking and all of her ironing is done before breakfast. It is There are a great many gooseberries tle closely and cook in a hot oven for not such a task as one might think, for all such work is reduced to a minimum occasioned by the furore of this style of during hot weather. Immediately after decoration, says an exchange. Tucks dinner she takes a hot bath, puts on her are now put on in shapes utterly impos- nightdress and goes to bed to make up sible to accomplish in the garment itself. for loss of sleep which such early rising necessitates.

ing the outline of an apron, so much to the fore this summer for skirts, looks Insists upon their going to bed, too, easy enough, but none but a skilled and knowing that it will do them good, and cess. Each width is shaped in gores and ing a nap. In one home presided over by cut to fit exactly the rounding upper a very wise housekeeper, there is no part. If it doesn't, the effect is utter work done by any member of the family between half past twelve and two ding, cut the crust from a large, thick Fashion is veering around to the tunic o'clock, for even the husband has been slice of bread and reduce it to crumbs. or double skirt. Many skirts are seen persuaded into taking a noonday nap. with three flounces. The lowest one of He has found that more work is done fuls of sifted flour, half a saltspoonful of these is deep, and the other two moder- when a long rest is taken in the middle salt and a pint of milk. Pour this batately so. For the sake of variety some of the day. He has a very early lunch ter over the crumbed bread. Add four of the skirts so trimmed have the two of bread, butter and coffee, with a little upper flounces cut in crescent shape, so ripe fruit in its season, and some crisp and stir in carefully a quart of gree that the points reach nearly to the waist in front, while describing a deep curve behind. This is the reverse of the usual breakfast. The horses enjoy the rest buttered and thickly-floured square jean thus afforded quite as well as he does, cloth, and drop it into a pot of boiling Already whispers of tall are heard and after breakfast as much work is usu- water of sufficient size to cover it.

of time to do her work, and get a good once every half hour while it is boiling ites in silk and wool for dressy gowns. On account of the difficulty experi- breakfast, and she is not made nervous for two hours. Keep the pot it is boiled enced in hemming shaped flounces nicely by trying to crowd too much into the in covered atl the time and the water they will be largely finished on the edge first hours of the day.

Dinner is served promptly at 12, and erine is a new stuff that is in the front as soon as possible thereafter all hands until the pudding is done. On taking rank of popularity for these ruches or start on a trip to dreamland. Half a up the pudding dip it for an instant in

White or tan pique vests, fastened encouraged in getting up slowly, and and mix the three preparations. Add with pearl or jet buttons are considered so are less liable to be peevish, as the juice of a quarter of a lemon and a children often are after a nap taken on a few drops of spinach green to tint the

hot day. This wise houskeeper does not worry it and serve in delicate glasses of pale because she cannot go away for a vaca-tion during the hot weather. She knows she is better off at home where she can wear her old clothes and be com-When black materials begin to look fortable, and where she is not obliged

frills, the shaded kind being an especial dozen cheap cot beds have a place in cold water to insure its turning out avorite.

the corner of the machine shed, and are easily, and serve with rich sauce of any pulled into shady or breezy places when kind. A strawberry sauce made of half is the use of a heavy-weight plain taffets wanted. The men and children find a cupful of butter and two cupfuls of them more comfortable than the ground sugar beaten to a cream with a large cup for a nap, and there is less danger of of ripe strawberries, makes a delicious lation tailor fashion. Gray and black taking cold. are the shades that will be almost universally chosen. Madame la Mode says

The wise housekeeper knows better than to leave her windows open all day. Known generally in this country, are this is being led up to by the taffeta She throws them all open early in the excellent. Line a pie tin with pastry. wests of tailor shape which are consid-morning, thus airing her house thor-"Head and tail" as many tart gooseberoughly; but they are closed and dark- ries as will be needed to fill the pie dish To be entirely comme il faut, avoid ened as soon as the sun pegins to grow full. Stir in a cupful of sugar with regular designs in the trimmings of your hot, for both the sun and the hot air every two cupfuls of gooseberries, and gowns this season. Ruffles on skirts must be excluded. By so doing, she fill the pie, heaping the gooseberries in has a comfortable place in which to take the center and leaving a clear space at except straight around if you would her noonday nap. She does not jump the edges for the juices to run. Seal have a reputation as a stylish dresser.

This is a distinctly white summer.

White is used for everything. Golf, bicycle, tennis, tramping, yachting or mountainearing and the resistance of the pattern mountaineering and the usual variety of for another five minutes all the bad sugar. Serve it with whipped cream if piazza dresses will be developed often in white, pique, duck, woolen pique—a new material very near the summer girl's heart—serge, alpaca, foulard and the summer has a cracker or crust of bread where she can reach it without raising her pint of stewed and sweetened gooseber-head, and she eats this very slowly, beso on through a long list of stuffs will fore attempting to get up; then she is of rich, well sweetened boiled custard be used for the dainty creations that able to see just how much good her nap and half a pint of rich cream. Sweeten has done her. The children are also the cream with half a cupful of sugar

A pretty hand should not only be a

ately warm iron.

come thoroughly dry. Black silk-warp goods will shine as they wear, and expose silk threads; this shine may be partly removed by sponging with alcholoid and water, though it will likely tanned, for very few complexions will shine as they wear, and expose silk threads; this shine may be preserves if interior fruit, coffee sugar, tin pans and iron spoons are used. Have a porcelain-lined or granite-ware kettle and use it solely for preserving; bear exposure to the summer wind and and in preparing as well as in cooking sunshine without showing the effects of fruit, let every other vessel be of granite dyed. Colored cashmere, serge, albatross, etc., may be cleaned by sousing in a fluid composed of one dessertspoonful of heef's gall to a pail of warm water; permit, and this may be done more of the fruit, let every other vesser be or grantee or earthen-ware, and spoons and ladles of silver or wood. This done, with permit, and this may be done more of silver or wood. This done, with permit, and this may be done more of silver or wood. This done, with permit, and this may be done more of silver or wood. frequently than many suppose. Sweep- edge and careful work, you can defy ing, dusting, churning, and many other "lack" and be sure of success. Heating tasks may be accomplished in this way after a little practise. Even dish wash- to the fruit gives a handsomer color to ing can be done without keeping the hands in the water very much, if a dish The wise woman plans to take life a mop made of soft cotton is used. The hardest, roughest hands may be

made of one part red currants to three parts raspberries. Stem, wash and dry the currants on a towel; mash slightly in the preserving kettle, and stew little borax added to hard water will slowly till soft enough to strain through ately after the holidays, to prepare for counteract its effects, and make it just a jelly-bag. Allow one pound of sugar the dog-days. She may have mending as good. Warm water cleanses the to do occasionally, during that trying hands more readily than cold, but they for every three-fourths of a pound of period; but there will be no making of should be rinsed afterward in cold Heat the sugar; boil the juice twenty new garments to worry her, for all that water. Wash them gently until thorhas been done while the weather was oughly clean, using a good brush to minutes; add the sugar; stir till disclean the nails. There is no surer mark slowly for one hour, stirring almost She does not plan elaborate meals, for of a dainty woman than well-kept nails, Before night the boy had brought the such as organdy, silk, muslin dimity or cutter safely to anchor at Sea View, a fine lawn, with lace edged frills and the removator subtained as th thermometer sulks in the nineties. She ing the hair. Pare them carefully to finer-flavored meat sauce, if one-fourth has thought it all out during the pleas-ant May days, when the mind works the edges with powdered pummice raisins is added to every-three fourths readily, and has prepared a series of menus for breakfast, supper and dinner, none of which call for dishes of a pound of currants. To every four sugar and one ounce of stick cinnamon, requiring much fire, or a great water in which they are washed. If the same of mace, half as many whole amount of labor. She knows this little you will make a strong solution of cloves, and a teaspoonful of white

> it in powdered form. Her mind does not cease its labor in An excellent ointment to use at night behalf of her body when all possible ar- is made of eight ounces powdered jars or jelly glasses. rangements have been made for the almonds, two ounces of the white of an coming of the sultry season; it takes egg, and one ounce of powdered horax is wonderfully appetizing with meat, especially in the late winter and early charge of her welfare upon the arrival beaten to a paste with equal parts of from doing foolish things. You must should be rubbed into the hands every not forget that we are considering only night before going to bed. Wearing an the wise housekeeper. The other class old pair of kid gloves at night helps to pare, cut into pieces, weigh, and allow

The green gooseberry has always been highly esteemed by English house- kettle, and sprinkle the rest among the keepers and those of English descent. stalks as you add them. Cover the ketraised in New England, where the fruit half an hour. Fill hot fruit jars to overis generally used as in England, while flowing and keep in a cool, dark place. is tart, but after it has grown to its full size. The insipidity of a ripe gooseberry, says a writer in an exchange, is not often relished except by the chickens and the children. A fully grown What does she do with the children? but still tart gooseberry has an especially fine flavor, which makes it an excellent pudding fruit. An English batter experienced hand can make it with suc- that they will soon get into a habit of tak- pudding with green gooseberries is an oldtime dessert. An English gooseberry

tart is also popular. To make the famous gooseberry pud-Mix to a smooth batter ten tablespooramong fashion's arbiters. They say that small checks and plaids will be very an entire forenoon under the old plan boiling point as soon as possible after stylish for wool gowns for second best, of keeping doggedly at work from six putting in the pudding. water has boiled half an hour turn the This plan gives the housewife plenty pudding over and continue to turn it

> replenished as it boils away. The water must not stop boiling once

> sauce for this pudding.

ice cream a delicate green color. Freeze

To preserve green currants and coseberries for pies in winter, gather the fruit when hard and green, but sound and full, says the Rural New Yorker. Fill common black glass bottles, or stone bottles with it; shaking it down till the bottles are full. Tie tightly over the mouth of the bottle, a piece of bed ticking, and lay in a dark corner of the cellar till winter. They will keep for years, and be just as firm and fresh as when first picked. Huckleberries can be used the same way; they must not be too ripe. To preserve pie plant, tew as you would for the table without a particle of sugar, and can while hot, like any fruit; it is delicious for winter pies, and will keep any length of time.

Instead of being entirely supplanted by the more modern canned fruit, oldtime "pound for pound" preserves were never more popular than now, for the reason that we have learned how to give them a delicate, natural flavor of fruit, instead of a pungent, cloying sweetness.

There are certain inviolable rules for every variety of fruit and method of

OPEN LETTERS FROM Jennie E. Green and Mrs. Harry Hardy.

jams and preserves as well as jelly.

Raspberry Jam .- Red raspberry jam

has a far more refreshing flavor if it is

berries and one gill of current juice.

solved; then add the berries, and cook

Spiced Currants-Make a richer and

gar; stir constantly for five minutes

and put away in pint-size glass fruit

Canning Rhubarb.-Rhubarb sauce

spring, when the appetite most needs

coaxing. Select fresh, tender stalks,

half its weight of sugar. Cover the

rhubarb with boiling water for two

minutes; then drain; put part of the

sugar on the bottom of the preserving

-THE-

Boston Cooking School

Cook Book,

By Fannie Merritt Farmer,

Principal Boston Cooking School

Will be sent to any of our subscribers on receipt of

Regular Price \$2.00.

Packed full of everything a housekeeper

other young or old, wishes to know.

- \$1.50. ---

constantly.

JENNIE E. GREEN, Denmark, Iowa, writes to Mrs. Pinkham: "I had been sick at my monthly periods for seven years, and tried almost everything I ever heard of, but without any benefit. Was troubled with backache, headache, pains in the shoulders and dizziness. Through my mother I was induced to try Lydia E.

now sound and well." Mrs. HARRY HARDY, Riverside, Iowa, writes to Mrs. Pinkham the story of her struggle with serious ovarian trouble, and the benefit she received from the use of Lydia E. Pinkham's Vegotable Compound. This is her letter: "How thankful I am that I took

Pinkham's Vegetable Compound, and

it has done me so much good. I am

your medicine. I was troubled for two years with inflammation of the womb and ovaries, womb was also very low. I was in constant misery. I had heart trouble, was short of breath and could not walk five blocks to save my life. Suffered very much with my back, had headache all the time, was nervous, menstruations were irregular and painful, had a bad discharge and was troubled with bloating. I was a perfect wreck. Had doctored and taken local treatments, but still was no better. I was advised by one of my neighbors to write to you. I have now finished the second bottle of Mrs. Pink. ham's Vegetable Compound, and am better in every way. I am able to do all my own work and can walk nearly a mile without fatigue; something I had not been able to do for over two years. Your medicine has done me more good than all the doctors."



SAVE YOUR

PLOUGHMANS. For 35 CENTS we will send you, postage paid a strong, handsome and serviceable BINDER for your PLOUGHMAN. This binder will

Keep Them Clean, Make Them Easy of Reference

Save Your Time. Sold at the PLOUGHMAN office for 30 cents. Address MASS. PLOUGHMAN,

78 Devons'tire St. Boston

FREE COUPON.

Cut this out and mail it to the office of the Massachusetts Ploughman, giving name and address, for one package of WARD'S INODOROUS CONCENTRATED SOLUBLE PLANT FOOD.

ENOUGH FOR 50 PLANTS.

Your plants will blossom more full and remain longer in flower. The fra-grance is increased and the leaves are much larger and of a rich, deep color.

Rnclose ten cents in cash or postage stamps to pay for costs, to the Mass. Ploughman, - -Boston, Mass.

Large New Maps of KLONDIKE—ALASKA—CUBA 🔽

To all who order the People's Atlas of us now we will send free maps of Cuba and Alaska, newly engraved from the latest governmental surveys and official information. Size of each map, 14 by 22 inches. The Alaska map accurately locates the Klondike country and other great gold-fields in that far-off land, and the routes by which they are reached. A brief history of each country accompanies the maps. See our offer below:

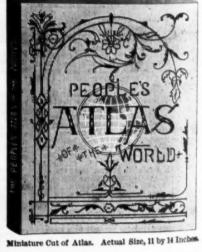
OVER 200 MAPS AND ILLUSTRATIONS

THE PEOPLE'S ATLAS contains over 200 large Maps and Illustrations, and E2 Pages, each page il by 14 inches. It giv es the Population of each State and Territory, of All Counties of the United States, of American Cities, by Last U. S. Census

HANDSOME MAPS.—The bandsome Maps of all the States and Territories in the Union are large, full page, with a number of double-page maps to represent the most important states of our own country. All Countries on the Face of the Earth are shown. Rivers and Lakes, the Large Cities of the World, the Railroads, Towns and Villages of the United States are accurately located.

SPLENDID PICTURES embellish splendid pictures embellish nearly every page of the reading matter, and faithfully depict scenes in aimost every part of the world. It contains a vast amount of historical, physical, educational, political and statistical matters, comprising a General Description of the World.

EACH STATE.—This Atlas gives about each State the Population for the Past 50 Years, History, Miles of Raliroad, Soil, Climate, Productions, Industries, Educa-Productions, Industries, Educa-tional and Religious Interests Interest Laws, Etc., Etc.



THE UNITED STATES. — This Atlas gives the Popular and Electoral Votes for President in the years 1892 and 1896, by States. List of All the Presidents, Agricultural Productions, Mineral Products, Homestead Laws and Civil Service Rules, Statistics of Immigration, Public Debt for the Past 100 Years, Gold and Silver Statistics, Postal Information, and Other Information that should be in every Home, Store, Office and School-room.

OUR BARGAIN PREMIUM OFFER

The Massachusetts Ploughman, one year, The Woman's Home Companion, one year, The People's Atlas, with new maps of Cuba

and Alaska, All for \$2.50.

This offer is unrivalled....

Address:

MASSACHUSETTS PLOUGHMAN, 178 DEVONSHIRE STREET, BOSTON, MASS.

"A PERFECT FOOD—as Wholesome as it is Delicions WALTER BAKER & CO.'S " Has stood the test of more than 100 years' use among all Costs less than ONE CENT a Cup. Trade-Mark on Every Package. WALTER BAKER & CO. LTD., Established 1780. DORCHESTER, MASS.

OUR HOMES. ------

MOS

Harry

lowa, nonthly

d tried

of, but roubled

s in the ugh my

nd, and

. I am

e, Iowa,

story of in trou-

d from Vego-

tter: I took led for of the so very Ihad th and

ave my

th my ne, was

regular

ge and was a

wasno

of my

ve now

. Pink.

to do

nearly

hing I

er two

ne me

INS. tace paid

rence

Boston

....

ASS.

MARCHING STILL. She is old and bent and wrinkled, In her rocker in the sun,
And the thick, gray woolen stocking
That she knits is never done,
She will ask the news of battle She will ask the troops are marchi the troops are marching.

Seven tall sons about her growing Cheered the widowed mother's soul; One by one they kissed and left her When the drums began to roll. They are buried in the trenches They are bleaching on the hill; her the boys are marching, But to her the be Marching still.

she was knitting in the corner When the fatal news was read, How the last and youngest perished—

it was raw and chill, and the mud was it was raw and chin, and the mid was in the sticky stage; it clung to his horse's fetlocks. Old Calline put down her head and plodded on through the read and mire. The doctor's shoulders sagged over her neck; the rain, which had ceased, had wet his shabby great coat and dripped down over his mud-splashed When he took ont his handkerchief to brush the drops from his cheeks he noticed the holes in the linen.

while over the standard of the control was all the format of the control was all the format of the f

and interest, because the success or failure in their solving means life or death. And both times, all the times, Phil was wrong and he was right.

Once Phil had his way, and the poor tellow had died. The autopsy showed that het per for his new Christmas great coat and the stiffer for his new Christmas great coat and the stiffer for his new Christmas great coat and the stiffer for his new Christmas great coat and the stiffer for his new Christmas great coat and the stiffer for his new Christmas great coat and the stiffer for his new Christmas great coat and the stiffer of his new Christmas great coat and the stiffer of his new Christmas great coat and the stiffer of his new Christmas great coat and the stiffer of his new Christmas great coat and the stiffer of his new Christmas great coat and the stiffer of his new Christmas great coat and the stiffer of the hatchet and nails. Aunt Maggie having "someway to the doctor. And suddenly the doctor had have saved him that It was a dreadful mortification to Phil; it was something different but quite as keen in its pain to Jeff; he couldn't even ask how they all were which might lead up to particulars. In the carry of the couldn't even ask how they all were which might lead up to particulars. In the couldn't even ask how they all were which might lead up to particulars. It was something different but quite as keen in its pain to Jeff; he couldn't even ask how they all were which might lead up to particulars. It was something different but quite as keen in its pain to Jeff; he couldn't even ask how they all were which might lead up to particulars. It was something different but quite as keen in its pain to Jeff; he couldn't even ask how they all were which might lead up to particulars. The country is the deays that the possible for the little town a professionary without expecting to save your sound by the couldn't even ask how they all were which might lead up to particulars. It was something how the missionary without expecting to save your sound by the couldn't even The young doctors stared at him. One from. ent's reply (brought to Jeff by a friend reckon?" who overheard it) was disconcerting; he growled: "Hum! Yes, he may be soft, tion.
but he has the making of the best doc"Widder considable riled up, I recksah," said Tobe, more humbly. tor in the batch of you."

earnings by selling stock.
"And because I took the medical band because I took the medical plurals and bought all the new instrugiournals and bought all the new instructions of the properties of th journals and bought all the new instruman who was trying to set fire to one of shook hands strongly.

his gins. What needed a man more in the South? He had a right to feed oats.

The Colonel and the Doctor were great chums. Once a week, rain or shine, the Colonel, the Doctor, Miss Letty and the Colonel, the Doctor, Miss Letty and the Colonel, the Doctor, Miss Letty and the Colonel with me, I suppose?"

The Doctor shine, the Colonel and the Doctor were great chums. Once a week, rain or shine, the Colonel, the Doctor, Miss Letty and the Colonel, the Doctor, Miss Letty and the Colonel with me, I suppose?"

The Doctor's fingers shook a hitle as the opened the paper. "It's confounded by colonel with me, I suppose?"

The Doctor always played the game of his life. When he said his prayers that night no darfo' de ebenin', and so I aint got no great supper ready. Yere's de note." The Doctor's fingers shook a hitle as the opened the paper. "It's confounded by colonel's wife thank him that I'm not the failure of the class," he murmured, and he prayed for a blessing on the German who surely to a blessing on the German who surely would never have recognized his jown have the table.

What a left to keep it from being when this is all prepared sprinkle it when this is all prepared sprinkle it when the said it bin axin' of ye up dar fo' de ebenin', and so I aint got no great supper leads."

The Doctor always played with me, I suppose?"

Not this morning, Jeft stammered.

The t when the fatal news was read,
How the letter, ending, said:
"I am writing on my knapasek
By the road, with borrowed quill,
For the Union army's marching,
Marching still."

Beson sank and died within her
Like a fame for want of air;
So he knits the woolen stockings
For the solder lads to wear,
wating till the war is ended
For her sons to cross the still;
For she thinks they all are marching,
Marching still."

THE FAILURE OF THE CLASS

The doctor rode ten miles to go home.
Being an Arkanasa road in February, it
was muldly. The air was not cold, but
it was raw and chill, and the mud was
the stock was are and and stock of the doctor's own history,
and Jeff switched him off almost rough will go to the station for agentieman by
writing on my knapasek
By the road, with observed quill,
For the thoin army's marching,
Marching still."

When a fame for was to good player

—a fine player. It was his secret (never
a fine player. Whith obstraction for almost rough white do the swamp and
whom we expect. It is this Arthur whom when we can be to tell you. You know; I've plenty of chances to tell you. Whom he met white a tyle chance over
while at Yale College. Being his confident I couldn't do more than hint. I know that our boy's romance to the desolate plain, the cypress knees and
the development of the swamp and whom we expect. It is this Arthur whom whom we expect. It is this Arthur whom when the select to tell you. You know; I've plenty of chances
of white at the other was not only the was his secret (never
a fine player. It was his secret (never
a fine player. It was his secret (never
a fine player. It was his secret (never
a fi gallantry in the army to soften old shortly.

of them told the story, with a chuckle "I've been over to Little's all night,"

"Hope so," said Jeff without emo- business.

on. Onliest chile she got and she's dret- The Doctor sawed at his board in he says are wonderful, wonderful. And this was what he had made—an ful easy scared 'bout him. Expect silence.

but Miss Letty and the Colonel. Miss Letty and the contrary, would have delighted the great Desbarolles with her brilliant ventures and her subtle schemes and traps. The Colonel played a straight-like with the delighted the great Desbarolles with her brilliant ventures and her subtle schemes and Jeff switched him off almost rough-like with the delighted the great Desbarolles with her brilliant ventures and her subtle schemes and Jeff switched him off almost rough-like with the delighted him off almost rough-lik

ward signs of Miss Letty's romance. you, Jeff?" he said, in a gentle tone. For ten years she had been betrothed to "He pities me, confound him!"

Colonel Barnes' resentment; and then, when the wedding day was set, instead of her lover there came to Letty only a gain Jeff resented his evident desire to ragged negro with a word of farewell scrawled on her own photograph and the story of a gallant death. The doctor her lover the story of a gallant death. The doctor helicated his evident desire to be civil. It was really a relief to have old Nels hail them—nothing would have to be lovered to be lovered to be civil. The doctor her lovered the lovered his seat and any the story of a gallant death. The doctor her lovered the lovered his seat and any the story of a gallant death. The doctor her lovered his seat and any the story of a gallant death. The doctor her lovered his seat and any the story of a gallant death. The doctor her lovered his seat and any the story of a gallant death. The doctor her lovered his seat and any the story of a gallant death. The doctor her lovered his seat and any the story of a gallant death. The doctor her lovered his seat and any the the story of a gallant death. The doc"Lord, how untidy I do look!" he
grumbled. "I don't believe that Aunt
Maggie ever mends anything; I know
she doesn't mend my stockings. I look
just what I am, a shabby country doctor. Confound it, how he ground it
into me."

The story of a gallant death. The doctor believed in her grief as he believed
in her grief as he believed
in her prief as he believed
in her friendship or her brother's. She
was not one to change old friends for
new. Yet—this was the barb of the
sting—here was Miss Letty, when her
nephew, back home from college for his
holidays, fell ill, importuning his mother
to send to Memphis for a doctor. He

Old Calline stumbled; he pulled her

to send to Memphis for a doctor. He
wedder, so I'se vere. You, Jim Parker

The dochow untidy I do look!" he
to selieved in her grief as he believed
in her friendship or her brother's. She
was not one to change old friends for
new. Yet—this was the barb of the
sing—here was Miss Letty, when her
nephew, back home from college for his
holidays, fell ill, importuning his mother
to send to Memphis for a doctor. He
wedder, so I'se vere. You, Jim Parker

The don't believe that Aunt
to send to believed in her grief as he believed
in her friendship or her brother's. She
was not one to change old friends for
new. Yet—this was the barb of the
sing head has
ached so all day," I began, but stopped
to grunded. "I was not one to change old friends for
new. Yet—this was the barb of the
sing head has
ached so all day," I began, but stopped
at the quizzial look in her pretty
eves.

"Don't scramble," she laughed. "I
know your head must ache or you
wedder, so I'se vere. You, Jim Parker

The dor't believe that Aunt
fever?"

"Dunno, sah," grinned Tobe—both
the black faces were shining with t

placidly. The Doctor's lips took a fresh compression, but not a word did he answer. and observations. You know—?" He over Jeff's softness to the superintend-ent of the hospital. The superintend-ent of the hospital. The superintend-ent of the hospital. The superintendsend Tobe and Maggie, too, about their he is over here; I saw him last week;

"Bes' lemme put my black han' ter it, articles on hemorrhagic fever and your

you'd be gwine off to de Barnes' case Letty justified all the Doctor's hopes, Room 503. Boston, Wass.

The doctor whirled on his heel; his

laughed.

failure in their solving means life or over to the carriage. Uncle Nels sat but the days that he spoke Tobe had had knowing how to take Martin, who

he was keen to know about you. Your

discoveries about the pneumonia germ "Don't talk about discoveries," begged Arkansas country doctor, who lived on you're waitin' on the Memphis doctor. Wil'se pintedly sorry ye stumbled, bis farm and eked out his professional Going to take him over to widder's Marse Jeff," ventured Tobe. He never called the doctor to whom "It is only a-a guess at the truth; the "I hadn't thought of it"—grimly.

The other man considered it to be a name of slavery, except when he great-

By and by.

—Laura H. Fisher.

A PICKED UP DINNER.

When Mrs. Jack announced that

an agate saucepan with one bay-leaf

ways like a wood pile, the end crust of the loaf was grated and sprinkled

without cooking.
Into the oven it went "to slowly cook for an hour," said Mrs. Jack.

side, and a small table was pulled to spoon till it is thoroughly covered with the larger one, covered with a little white cloth, and on this went the "fixins" for the salad—a fragment of slices of toast were placed the beef and cheese on a lace-edged paper napkin— onions; the gravy was seasoned with a the dessert plates and two tiny coffee tablespoonful of Worcestershire sauce

Then out again to the kitchen she flew to make the watercress salad, and that I must tell you about. Watercress isn't half appreciated; people dip it in salt and nibble at it a little, or garnish dishes with it, but it makes the delicious salad and cheese, from the tree that the the tree that the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese, from the tree tree tree that the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese, from the savery ragout to the delicious salad and cheese from the savery ragout to the delicious salad and cheese from the savery ragout to the delicious salad and cheese from the savery ragout to the delicious salad and cheese from the savery ragout to the delicious salad and cheese from the savery ragout to the delicious salad and cheese from the savery ragout to the delicious salad and cheese from the savery ragout to the delicious salad and cheese from the savery ragout to the delicious salad and cheese from the savery ragout to the delicious salad and cheese from the savery ragout to the savery rago most delicious salad we have if it's that to the marvel of a pudding that

and the best way to do this is to put it as "bread puddin'," It was a dream of in a pan of water with lots of salt; it is a dinner.
generally full of queer little brown insects, and the salt sends them quickly to the bottom of the pan. After taking it through two waters, put in a clean cheese-cloth and shake it till it's thoroughly dry. Now heap it up in the lace napkin on a pink plate, but food fit salad bowl and put it in a cool place—
it's leaving a delicate salad in a hot
kitchen while the dressing is being
prepared that sends it to the table in a

and she read me a mild little lecture on wilted condition. Peel a Bermuda economy. "And as for that headache onion and slice it across in slices so thin of yours," she said scornfully, "I told they look like rings made of lace, cut you it was only a hungry headache! a handful of chives, hold them in your Where is it now?" hand in the shape of a bunch of aspara- "Gone." gus, and slice them in tiny slivers—use a very sharp knife, do the same with

and poured over. By this time the

properly treated.

In the first place wash it thoroughly, totally unlike that nursery affair known

-Waverley Magazine.

FARMS FOR SALE.

the loaf was grated and sprinkled through to fill up the spaces.

Then into a bowl was poured three-quarters of the milk; into this was broken an egg, four tablespoonful of sugar, the grated rind of a whole lemon, and a tablespoonful of vanilla. This was vigorously whisked with the egg beater, poured over the bread, and on top was grated nutmeg till it was quite brown and looked good enough to eat without cooking.

Into the oven it went "to slowly ar. Price \$2000.

TWO HUNDRED ACRE Connecticut River Farm. 80 acres in tillage; 80 of this being in one field. Perfect land; every foot tillable and very productive. 70 acres pasture, 50 wood and timber. 300,000 feet timber ready for market. Mill less than ½ mile of farm. Nice old style farm house, some 12 or 14 rooms. Barns 100256 and 13243 and connected; piggery 127x16. All newly painted and arranged in the most modern and convenient order. Cellar under entire barns, divided into four sections, running water in each section. Water to all buildings from two never failing springs. 150 ton silo. Stable fitted with the "Bidwell Adjustable Stall." Cuts 100 tons hay and fodder. Keeps 56 head cattle, 5 horses, 30 sheep and 50 swine. This farm is only four minutes from station; stores, churches. and schools near. This valuable property is offered with or without stocks and tools. As a stock farm it cannot be excelled. Investigate this. Personally examined. Photograph at office of J. A. WILLEY.

LEVEL, FREE FROM ROCKS—1/2 mile to stores, P. O., Schools and Church; barge passes door to meet every traio. Splendid set of buildings, house of 8 or 9 rooms, connected to barn and all painted white, green blinds. Farm contains 40 acres, borders pond on back and has cottage which rents in summer for parties, and in fall to gunners. Large strawberry bed, apple orchard of 200 bbls. in season. Price only \$2800. and only 25 miles from Boston Lake is 1/2 mile long, same wide. Photo. at Office.

ESSEX CO.—Farm 150 acres. 2 miles to Station. 1 mile to electrics; 30 acres English mowing. 45 pasture, 25 meadow balance woodland, cuts 50 tons hay, will easily cut 75 tons; milk sold at door; 80 apple trees, pears and peaches; good land. Watered by well, springs and aqueduct. House 2 story, 12 rooms in good order, Barns 36x60 and 32x40 with sheds, cornbarn, work shop, etc. Price \$9000, Suitable for gentleman's farm or country residence, in town of low tax rate.

ILL HEALTH—Compels owner to sell this 27 acre village fruit and poultry farm, located in town known for its educational advantages. Farm is 30 rods from R. R. Station and 44 mile to village. Attractive 2-story house of 13 rooms, bay windows, handsome lawn with fine shrubbery and shade trees; 8 ft. cellar under whole house, (perfect for keeping fruit). Barn 33x40 with L. 28x33; all buildings in best of condition and newly painted; on high land, sightly and healthy. Best of water in all buildings. Milk sold at door. 2½ miles to city of Mariboro, 15 to Worcester. Land is rolling, southerly slope, equally divided; cuts 20 tens hay, 100 ton allo, keeps at present 4 cows and 2 horses, but will carry a much larger stock. Poultry houses for 300 to 400 hens; main one 25x50, 2-stories; others are 12x18, 12x20, 10x30, in good repair. Fruit consists of 200 apple trees right in prime, mostly Baldwins and Hubbardstons.; 250 to 300 pear trees, largely Bartletts and Seckels; can exhibit 30-varieties. All trees in their prime, fancy prices for all fruits obtained as owner can show. ½ acre raspberries, 4 acre blackberries, 4 acre strawberries; owner has an estableshed trade for small fruit in village. This is without doubt one of the best places on the market to-day and is sold only because of the owner having met with an injury. In town of low tax rate, with money in bank to its credit. Will reserve a portion if all is not wanted. Photo. at my office.

J. A. WILLEY, Sole Agent, 178 Devonshire St., Boston, Mass

J. A. WILLEY, Sole Agent, 178 Devonshire St., Boston, Mass

MANY OTHER DESIRABLE FARMS for sale
Any size, price or location desired—Address MASS. PLOUGHMAN

-on-J. A. Willey, Room 509. 178 Devenshire St. Boston



THE HORSE.

Uncle Sam's Horses.

"The horse is quite as important a p art of the cavalry division of the army as the man who rides and guides him. of intelligence, patience and skill required in breaking a horse for field work. The animal must not only learn Massachusetts, Rhode Island and Con- planted, is effective in des to stand steady under fire and in the nection on the afternoon and evening germs of the fungus. Insection up, and a score of other details which

to his ear. Then in rapid order he fires Demorest's Magazine.

it will prove a relish always.

farm he should be able to put him in Cumberland Co., large crops of barley unsatisfactory. Now, where the harlefairly decent flesh. Nothing sells so and oats are assured. There is still well as fat, and we all know how mean some complaint of oats rusting in Conprobably spend \$10 on him and make Grass.—The ideal weather for this

The situation is not fully realized. cut in Maine. There will certainly be a surprise for us in prices in the near future.—Indiana will be short. It is very uneven. In bage plants will also destroy the larva Farmer.

Horse Notes.

will be campaigned on half mile tracks drop. Other fruits will be fairly plenagain this year.

The trotting stallion Captain Walsian horseman.

ish government will accept docked plaint of serious damage by them. Un horses for cavalry service.

The Boston Horse Show will be held next year in Mechanic's Hall, April 17 to 22. A reorganization of the Board of Directors has been effected, with Mr. Eugene Thayer at its head, and Mr. Eben D. Jordan of Jordan Marsh & Co. and proprietor of the Plymouth Hackword of the men back of this event .-Breeder's Gazette.

Don't you believe that German Peat Moss is an economical and healthy horse bedding? Ask promise of a good yield of berries. C. B. Barrett, 45 North Market street, to send

Crop Bulletin.

FOR WEEK ENDING MONDAY JULY 11,1898

OFFICE OF THE UNITED STATES WEATHER BUREAU, BOSTON, MASS., JULY 12, 1898. THE WEATHER OF THE WEEK.

Generally fair, sunny weather has with excellent prospects meet continued through another week in all appointments by the waysie sections of the district. The little rain the abundance of enemies, that fell was in the form of local sects, which attack the imms showers. In a few instances the kraut. We say that the en amounts were copious, but the majority mostly insects, for there is were light. A shower of several hours rious fungous pest, namely duration occurred in the vicinity of which is an obstacle to cab Mashpee, Barnstable Co., Mass. Rain ing. It attacks the young is now needed throughout the district, the plant by causing abnorm but the drought is most severe in Con- velopment, which, of cours necticut and Rhode Island.

The temperature has varied greatly, ranging from readings so low that light measures are all that are Any one who has seen a modern caval- frost occurred in low lands of Maine, against this fungus. In En ry drill cannot fail to realize the amount New Hampshire and Vermont to midsummer figures in all sections.

Fruit.—The apple crop, as a whole, emulsion applied to the roots of cabsome sections of all states the trees are of the wavy-striped flea beetle which atfull of fruit, while in others there is tacks the cabbage. practically none. The dry, warm weather is considered favorable, though Hal Pointer, now fourteen years old, in some orchards the apples continue to tiful.

Vegetables .- Potatoes, the principa bridge 2.28 1-4, has been sold to a Rus- crop, remain highly promising for the entire district. While beetles are plen Neither the United States nor the Britless injured by drought a bountiful crop seems certain. Garden vegetables, of fine quality, continue plentiful.

Berries .- These continue plentiful. Blackberries and blueberries are now threatened by drought. Cranberries, kinds. Send for circular and Price List. DEAN, FOSTER & CO., 14 Blackney Stud, has been made a member of son, Silver Hill Bog, Bourne, Mass., Lake Street, Chicago. of the board. "Push things" is now the ing 175 acres of bog near the head of Buzzard's Bay report that crops in dry ALL_HORSE OWNERS bogs are destroyed by fire worms, but that those that can be overflowed give

Tobacco.—The high temperature and sunshine have been favorable. The

The Weather Bureau's Weekly plants are generally in fair condition. Frequent warm showers are needed.

J. W. SMITH, Section Director, Boston, Mass.

Cabbage Enemies.

The enemies of the cabbas numerous, and many grower the development of the her able part of the cabbage. Wisconsin Farmer, it is held ment of the soil of the see Hail storms occurred in sections of bisulphide of carbon before midst of flashing sabers, but he must of the 4th. All conditions have been are very numerous. The first is the know how to turn at just the right mo- most favorable to farm work. Crops, cabbage worm, of which there are two ment when the bridle is hanging loose over his mane, how to lie down and get continued to grow rapidly.

most ravorable to farm work. Crops, caudage worm, of which there are two notwithstanding the dry weather, have with yellow stripes, and another imup, and a score of other details which are combined in complete education. Some horses can be thoroughly broken tered throughout the district to 34 in reason that the arsenic may be retained to be a some and to part the part of the pa Temperature. - This element has ported, which is green. It is not fectly trustworthy, while others it may take as long as six months. There is a very small class which seem never able to learn, and their education is finally abandoned. These cases, however, are few.

"Teaching a horse to kneel and lie down is comparatively easy work. The association of Aroostook Co., Me. The reason that the arsente hay be retained and the head grow around it, rendering it unsafe for use. For all cabbage worms pyrethrum powder may be applied, distant the arsente hay be retained and the head grow around it, rendering it unsafe for use. For all cabbage worms pyrethrum powder may be applied, distant the arsente hay be retained and the head grow around it, rendering it unsafe for use. For all cabbage worms pyrethrum powder may be applied, distant the arsente hay be retained and the head grow around it, rendering it unsafe for use. For all cabbage worms pyrethrum powder may be applied, distant the arsente hay be retained and the head grow around it, rendering it unsafe for use. For all cabbage worms pyrethrum powder may be applied, distant the arsente hay be retained and the head grow around it, rendering it unsafe for use. For all cabbage worms pyrethrum powder may be applied, distant in the lid for use. For all cabbage worms pyrethrum powder may be applied, distant for use at Eddington farmers' Club, East Eddington farm down is comparatively easy work. The was at Nantucket. The fall at the re- the temperature of 130 degrees also de- Hancock County Fair Associamost difficult undertaking is to get his maining stations are generally insignifinaries accustomed to fire-arms. While the animal is down on the ground the officer takes a pistol and fires it close

was at Nantucket. The fall at the remaining stations are generally insignificant.

It may be put into the sprinkler boiling, and will be none too hot by the time it reaches the cabbage leaves. The cabbage plusia

CONDITION OF CROPS.

CONDITION OF CROPS. General Situation.—From a fortis another enemy, which gnaws irreguthe weapon over the horse's back, under night to three weeks have passed with- lar holes in the leaves and bores in the North Aroostook, Presque Isle... Northern Cumberland, South his neck, between his legs, anywhere out a general rain, which is now much heads of the cabbage. The mature green that an opening presents itself during his needed. Little damage has been done, caterpillars are about two inches long. futile struggles. Not until the horse but the point has been reached where a They are span worms; that is, when sinks back exhausted, all-a-tremble and continuation of dry weather will entail travelling, the body assumes a looping showing the whites of his eyes, does serious injury to grain, potatoes, vege- position like that of the measuring the pistol practice cease. His educa- tables and fruit. The soil is too dry worm. The larva is pale green, with tion is deemed complete after he is for cultivation in many southern sec- longitudinal stripes of a paler color on tion is deemed complete after he is for cultivation in many southern sectons taught to jump and has become accustions. Hoeing, however, in many sectons the sides and back. Pyrethrum also detomed to saber and carbine practice." tions is completed. The weather has stroys them, or, as the worms are very favored having, which has been pushed soft and tender, they may be treated Oxford, Norway..... with great success. The light frost of with kerosene emulsion very successful-For a change in feed for horses grind the 6th nipped the more tender vege- ly. The cabbage mamestra, varying up your ear corn and your oats and some tation in the lowland of the northern from a bright green to a brownish green hay fine; make a mixture of this, and states. The hailstorms of the 4th in and having a broad pink stripe on each the southern states was of sufficient side, yields to the same treatment as the Do not besitate about the stallion fee violence in some sections to injure plusia just mentioned. The zebra catif you are anxious for a good colt. The crops, especially in Connecticut. In erpillar, blackish when young and difference in the colt will be vastly more the neighborhood of Greenfield Hill, changing to a light green, is another Connecticnt, it wrought great damage feeder on the cabbage, the best remedy and is ready to pay for them. No country ever had such markets as America and parts of Rhode Island and parts of Rhode Isl now has. Study the demands at home Connecticut the drought has ruined them without injuring the plant. The west Oxford, Fryeburg.....Sept. 27, 29 and abroad, and breed accordingly; you pastures, the grass being as "dry as harlequin bug is one of the worst and West Penobscot, Exeter......

West Penobscot, Exeter...... will then be sure of good prices. Ameri- hay" and feed is becoming short. The most destructive cabbage pests, as half West Somerset...... can farmers are slow to arise to the sit-bring a horse to market thoroughly continue fairly good in most sections. when sought, hand picking, which used broken, but when he has the feed on his In parts of Maine, notably portions of to be the only remedy known, is quite Bradford & Newbury, Bradford Sept. 27, 29 Rochester, Roches quin bug prevails it is customary to well as fat, and we all know how mean necticut and western Massachusetts. rows. The bug prefers the mustard to Ryegate & Wells, South Ryegate ... "13, 15 be is poor; and yet we see farmers every week bring horses into the market rapidly, and is improved in color. All the mustard is sprayed with pure kero-walts agree that this crop is backward from agree that this crop is backward from the market rapidly and represent the backward from the mustard is sprayed with pure kero-walts agree that this crop is backward from the cabbage will then almost walts River Valley, East Corporations. The cabbage will then almost walts River Valley, East Corporations and common a fine horse will look when the bull look when the which are not in half condition, and are agree that this crop is backward from sene. The cabbage will then almost and orange-yellow. The cabbage maggot takes only a small percentage of our with a rush and the grass has been productive of most benetakes only a small percentage of our with a rush and the grass has been productive of most beneis a small whitish magget that is hatched from an egg laid close to the root of the plant. It works downward, feeding on the plant. It works downward, feeding on the plant of the plant of the plant. It works downward, feeding on the plant of the plant o in the markets last year than were ever condition. The warm, dry weather kerosene emulsion about the roots in-have been put to use. Never were so many horses employed as now; but the many horses employed as now; but the many horses employed as now; but the mimost on account of the generyearling and the two-year-old is a scarce to the utmost on account of the gener- louse, the surface of the body being usarticle, and the query is how are we to ally large [yield with little or no loss. nally covered with a whitish powder meet the demand a year or two hence? More than half of the crop is yet to be like flour. A weak solution of kerosene emulsion easily destroys it. Kerosene

| 446 | ON | E T | 0 57 | TAVE | 201 |
|---------|----------|------------|---------|---|--------|
| | | | will be | the report of | n man |
| 6 | | T | hot, si | R BUY A RE | come |
| 91 | EEL | TANK | CATT | FALL TO | LECES |
| can | : swell | shrink | galva | of the Bist, mized steel r rust out | and f |
| name | of se | GOSF | 'YEN | Send 2c, sta 48 page cate | mp for |
| Kelly I | oundry a | nd Mach. C | | uri St., Goah | |

stone Street, Boston, 120



AGRICULTURAL FAIRS

Schenevus Valley, Schenevus. Sept. 15, 17 Schoharie, Schoharie

Union, Palmyra.....

GRANGE NOTE.

The Middlesex and Norfolk Pomona

Mass, on Wednesday, July 27. The

field and George M. Whitaker of Boston.

o'clock, being a dairy institute. Danc-

is invited, general admission being ten

why do you carry it?" "Cause when

it rains, father wants it; and when the

sun shines mother wants it; and its

only when it's this sort of weather that

I can get to use it at all."-Weekly Tele-

Cumso: Why is the nose on the Statue

of Liberty just eleven inches long?

Sedso: Because, if it were another inch,

The victory rests with America's Greatest

Medicine, Hood's Sarsaparilla, when it enters

Farmers Sell Holdfast Binders.

and which lasts for years, is one of those small

farm articles, the sale of which has wonder-

fully increased in recent years. The Farmers

who sell the Holdfast Binder are given exclu-

sive territory, and the ease with which it is sold makes an agency very desirable. The

Binder is made by the Tie Company, Unadilia

WOODSIDE FARM.

Mr. Clarence S. Bates of Harrods Creek.

ends the following: "Your trial box of Quinn's Ointment has pleased me wonderfully.

I used it to remove incipient Fistula of With

ers." This is the universal expression of

those who are using Quinn's Ointment.

1

11

111

The Holdfast Corn Binder, which ties itself

the battle against impure blood.

cents, children free.

FOR 1898.

| | Amenday and onthoury, Amenda | | - | 4-1 | |
|----------------------------|--|------|---------|-------|---|
| ge are very | | | 27, | | |
| | Barnstable, BarnstableAu | g. ! | 10, 8 | sept. | ď |
| rs who start | Berkshire, Pittsfield Se | pt. | 13, | 15 | |
| | | | 27, | | |
| et with dis- | Bristol, Taunton | 11 | 20, | | |
| de through | | 66 | 15, | | |
| TEXT OF THE REAL PROPERTY. | Essex, Peabody | 44 | 20, | | |
| mostly in- | Franklin, Greenfield | 66 | 22, | | |
| | Hampden East, Palmer | 44 | 20. | | |
| ature sauer- | Hampshire, Amherst | 86 | 15, | | |
| nemies are | Hampshire and Franklin, North- | | 10, | 10 | |
| 473 | | Oet | . 5. | | |
| but one se- | Highland, MiddlefieldSe | | | | |
| y, clubfoot, | Hillside, Cummington | 7. | 27, | | |
| y, clubioot, | Hingham, Hingham | 66 | 27, | 99 | |
| bage grow- | tring name cring main | 66 | 91 | 99 | |
| 2.00/2.00/2.00/2.00 | Hoosac Valley, North Adams. | 66 | 21, 28, | | |
| seedling of | Housatonic, Great Barrington | | 20, | 00 | |
| nal root de- | Manufacturers' Agricultural, | | 20 | 91 | |
| | North AttleboroA | ug. | | | |
| e, prevents | Marshfield, Marshfield | | 24, | | |
| | Martha's Vineyard, W. Tisbury Se | | | | |
| ad, or valu- | marin marine a trouble and a trouble and a trouble | 60 | 15, | | |
| Preventive | Middlesex South, Framingmam, | ** | 13, | | |
| | Nantucket, NantucketAu | | | | |
| e available | Oxford, Oxford86 | | | | |
| men brede | Plymouth, Bridgewater | 66 | 14, | | |
| igland, says | Spencer, Spencer | 46 | 22, | | |
| d that treat- | Union, Biandford | ** | 14, | | |
| | Weymouth, South Weymouth Se | | | Oct. | |
| ed bed with | Worcester, Worcester Se | pt. | 6, | 8 | |
| the seed is | Worcester East, ('linton | 66 | 15, | 16 | |
| rue seed 18 | Worcester Northwest, Athol | 66 | 14, | | |
| troying the | Worcester South, Sturbridge | 66 | 15, | | |
| | Worcester West, Barre | 64 | 29, | | |
| ect enemies | | | | | |
| | 34 4 73732 | | | | |

MAINE.

Harrison New Gloucester and Danville,

North Berwick Agricultural, North Berwick Aug. 23, 25

Southern Aroostook, Sherman

 Cuba, Cuba
 Sept. 13, 16

 Delaware, Delhi
 6, 8

 Delaware Valley, Walton
 Ang. 30, Sept.

 Dryden, Dryden
 20, 22

 Dundee, Dundee
 28, 29

 Dutcheas, Poughkeepsie
 Sept. 6, 9

 Erie, Hambürg
 12, 16

 Essex, Westport
 27, 30

 Franklin, Malone
 27, 30

 Franklinville, Franklinville
 6, 9

 Fulton, Johnstown
 5, 8

 Genesee, Batavia
 19, 22

 Greene, Calro
 Aug, 23, 25

We shall be glad to receive information from secretaries relative to the dates of hold ing Fairs not included in the following list MASSACHUSETTS. bury and Salisbury, Amesbury,

Androscoggin, Livermore Falls.Aug. 30 Sept. 1 Aroostook, Houlton.....

Chemung, Elmira Sept. 5, 9
Clinton, Plattsburg "13, 16
Cobleskill, Cobleskill. "19, 22
Cohocton, Cohocton "13, 15
Columbia Chatham "6, 9
Columbia, Hudson Aug. 31, Sept. 2
Cortland, Cortland Aug. 23, 26
Cuba, Cuba Sept. 13, 16
Delaware, Delh "6, 8
Delaware Valley, Walton Ang. 30, Sept. 2

 Red Hook, Red Hook
 Sept. 18, 10

 Reneselaer, Nassau
 6
 20, 23

 Riverside, Greene
 6
 13, 16

 Rockland, Orangeburg
 12, 15

 Rockland Industrial, New City
 6, 9

 6
 9

 6
 9

Dadway's

Purcly vegetable, mild and reliable. Cause Perfect Digestion, complete absorption and healthful regularity. For the cure of all disorders of the Stomach, Liver, Bowels, Kidneys' Bladder, Nervous Diseases

LOSS OF APPETITE. SICK HEADACHE, INDIGESTION. DIZZY FEELINGS. FEMALE COMPLAINTS. Grange No. 1 will hold their field day BILIOUSNESS. picnic at Sawin's Grove, in Dover, DYSPEPSIA.

PERFECT DIGESTION will be accomplish morning session will begin at 9.30, the y taking Radway's Pills. By their ANTI-BIL subject being Farm Inspection, with IOUS properties they stimulate the liver in the addresses by C. D. Richardson of Brookthe biliary ducts. These pills in doses from two to four will quickly regulate the action of Dinner will be on the basket plan, the the liver and free the patient from these disdaily by those subject to bilious pains and tor pidity of the liver, will keep the system regular and secure healthy digestion. ing and amusements for all will be had beginning at two o'clock. The public

Price 25c. per Box. Sold by all Druggists. RADWAY & CO.

"Little boy," said a gentleman, "why Reward. do you hold that umbrella over your head? It's not raining." "No." "And the sun is not shining." "No." "Then For many years we have advertised

this reward for any case that Tuttle's Elixir would not cure. and also will refund your money if you are not satisfied in every possible way that your

Used and endorsed by Could we afford to do the Adams Ex. Co. this, or would this paper admit our advertisement unless we can do all we claim?

Tuttle's Elixir

kinds, scratches, and all similar troubles.

27 Beverly Street, Boston, Mass.

RUPTURE CURED AT HOME. WRITE FOR FREE BOOK S. J. SHERMAN, Specialist, 20 E. 42d St., N. Y.

DELIGHTPUL EXCURSION PROVINCETOWN The Popular Family Ex

Steamer Longfellow, CAPT. JOHN SMITH. CAPT. JOHN SMITH.

Will leave Commercial wharf (North Pier) of at 9 A. M., Sundays 9:30 A. M., for a deligit of the control of

BASS POINT. NAHANT.

Concerts Afternoon and Evenings by Lafricains' Naval Brigade Band Boston's Favorite Seashore Resort. GRAND HARBOR TRIP. Best Fish Dinners. Dancing Free.

Every attraction for thorough enjoyment ners leave Lincoln Wharf, Comme cial St., (Weather Permitting),

For Bass Point, 9.30, 11.00 a.m., 12.30, 2.20 3.30, 5.00, 6.30, 8.15 p. m. Return-10 30 a.m., 12 m, a1.30, b2.00, 3 45, 5 15, 7-00, 9.30 p. m. For Nahant, 9.30, 11,00 a.m., 12,30, b2 20, b3,30, 5 00, 6,30 p.m.

Return—b8,00 11 00, a.m., 12,15, b1,30, a2,00 b3,25, b4,35, b6,00, a6,30 p.m.

aSundays only. bExcept Sundays. Take Ferry Cars. Special Rates to Parties. A. P. LANE, N. E. Agent, 201 Wash. St., Boston

Boston & Gloucester Steamboat Co. NORTH SHORE ROUTE

THE NEW AND ELEGANT ... STEEL STEAMER CAPE ANN

Book of 50 Trips, \$12.50

(COLUMBUS ORCHESTRA) expenditure was a wise And the Popular STEAMER CITY OF GLOUCESTER What can be fairer? Leave north side Central Whar!, Beston (foot of State St.), weather permitting, week days at 10 A. M. and 2 and 4.46 P. M.; leave Gloucester at 3 and 7:30 A. M. and 2 P. M. Sundays leave Boston at 10:15 A. M. and 5:30 P. M.; leave Gloucester at 3 and 7:30 A. M. and 3:15 P. M.

tracted and knotted cords, callous of all Tuttle's Family Elixir cures Rheumatism, Sprains, Bruises, Pains, etc. Samples of either Elixir free for three a-cent stamps for postage. Fifty cents buys either Elixir of any druggist, or it will be sent direct on receipt of price. Particulars free. DR. S. A. TUTTLE, Sole Proprietor,

DR. S. A. TUTTLE:-

Having used your Elixir for sore backs, colic, sprains and horse all, I can recommend it to horse owners.

H. M. YOUNG,
Supt. Woonsocket St. R. R.Co

Dr. HBRADFORD'S [regulator] has single failure; positively safe; longest case relieved in 5 days; price \$2. DR. BRADFORD

P. S.—No 3 A. M. boat from Gloucester Mon E. S. MERCHANT, Gen. Mgr.,

FOR WOMEN,

Fare, 50c.; Round Trip, 75c.



The Funniest Book of the Century

"SAMANTHA AT SARATOGA; or RACIN' AFTER FASHION."

By JOSIAH ALLEN'S WIFE.

Illustrated with Over 60 Drawings by F. Opper, the Greatest Comic Artist in New York.

Over 100,000 copies of the agents' edition in expensive binding were sold at \$2.50 each. This premium edition contains 374 pages, and gives all the reading matter and all the illustrations the same as the copies which sold at \$2.50 each. Over 200,000 copies of the premium edition have already been sold.

> THERE IS A BUSHEL OF FUN IN EVERY CHAPTER.

Its Pictures are Just Killing 1 "I would tear a man lim' from lim' if I see him a

This book was written under the inspiration of a summer season 'mid the world of fashion at Saratoga, the proudest pleasure resort of America. The book takes off, Follies, Flirtations, Low-necked Dressing, Dudes, Pug-dogs, Tobogganing, and all the extremes of fashionable dissipation, in the author's inimitable and

Children and grown-up people alike read with rapturous delight the story of Samantha's "tower" to Saratoga, accompanied by her "wayward pardner," Josiah Alien. It is written in a vein of strong common sense, as pure and innocent as the prattle of a child, which keeps the reader constantly enjoying an ever fresh feast of fun.

Woman's Home Companion

This popular ladies' journal, now in its twenty-fourth year, is as readable and attractive as the best writers and artists can make-it. It is an unrivaled high-class magazine of general and home

literature, profusely illustrated with exquisite drawings. The Woman's Home Companion has no equal in the excellence of its special departments devoted to Fashlons. Fancy Work, Housekeeping, Floriculture, Talks with Girls, Nothers' Chat, Home Adornment, Children, etc. Of the noted writers who will contribute their best work to the columns of the Companion during the coming year we have space to name only a few: Mrs. Mary J. Holmes, Josiah Allen's Wife, Opic Read, Harriet Prescott Spofford, Julia Magruder, Hezekiah Butterworth, and many others. The Companion gives 24 to 32 pages, size 11 by 16 inches, each issue, printed on fine paper and put into a handsomely illustrated cover. Specimen copy free upon request.

To Boom Circulation We Make the Following Liberal Clubbing Offer:

AS A SPECIAL OFFER, WE WILL SEND SAMANTHA AT SARATOGA, Agents sold them for \$2.50 each, but say \$1.007 THE MASSACHUSETTS PLOUGHMAN (Weekly) One Year, . 2.00 All 3 for \$2.60 . WOMAN'S HOME COMPANION One Year, Better than journals costing 1.00

Total in Value, . . . \$4.00 NEVER WAS SO MUCH GIVEN FOR SO LITTLE MONEY. THE MASSACHUSETTS PLOUGHMAN, Boston, Mass.

SPECIAL OFFER:

THE HOME COMPANION and "SAMANTHA AT SARATOGA" SENT FREE TO ANYJONESSENDING USIA

NEW PAID IN ADVANCE SUCRIBER.